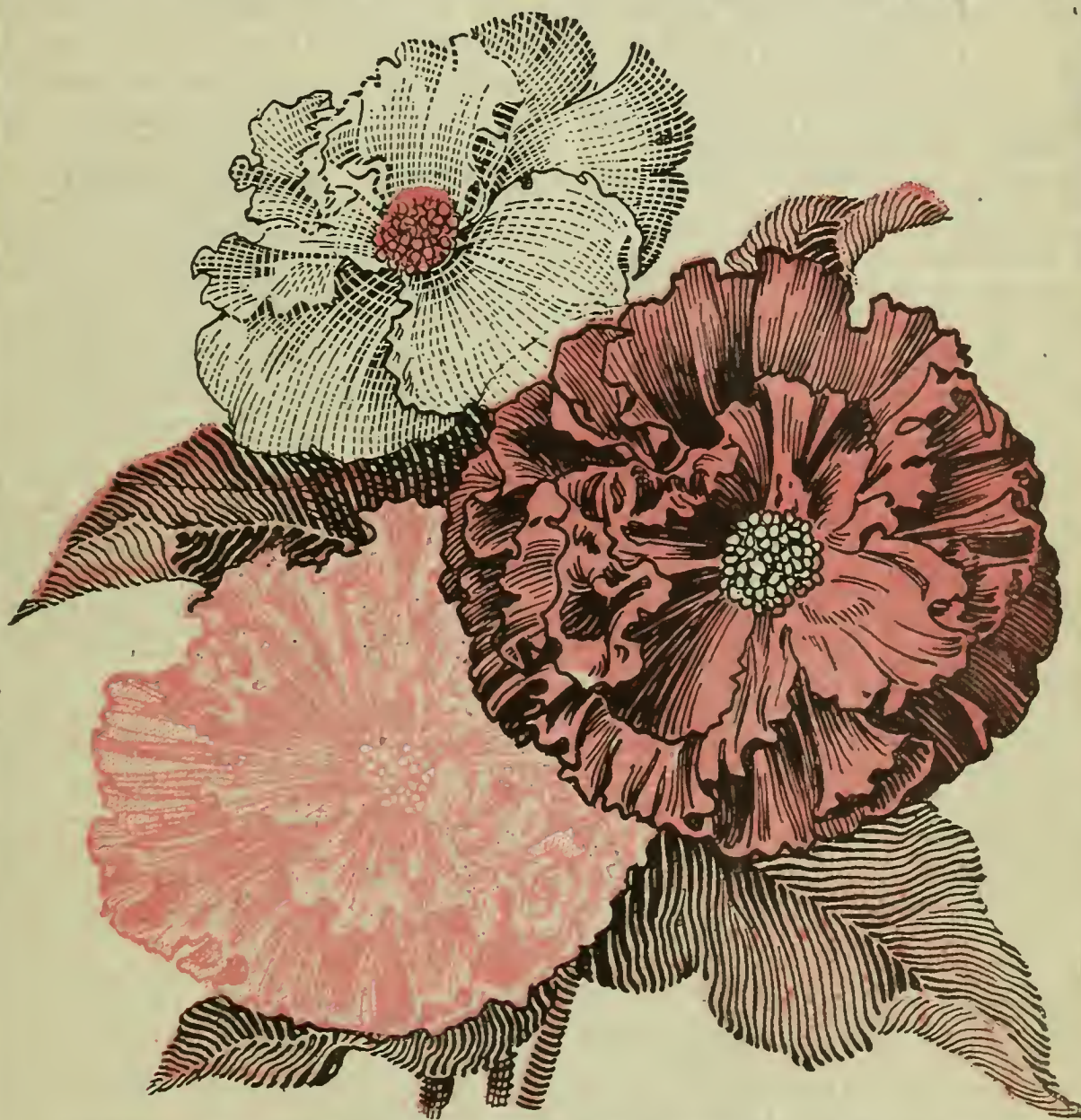


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Park's Floral Magazine

Vol. XLIX, No. 3. LA PARK, PA., MARCH, 1913. 1 Year 10 Cts.
Established 1871. 6 Years 50 Cts.



THE NEW FRILLED BEGONIAS.

IF YOU want some rare and beautiful summer-blooming pot plants, do not fail to get a lot of the new Frilled Begonias. Flowers are of immense size, delicate and waxy in texture, rich in color, and always enthusiastically admired. I have splendid Belgian-grown tubers, just imported, easily cared for and sure to please. Colors: Pure white, pure yellow, pure rose, rich scarlet, and fine salmon. Price, 8 cents each, the collection, 5 tubers to color, with Magazine a year 35 cents; or, club of five \$1.25. Why not get up a club?

DOUBLE BECONIAS.—Splendid large flowers, very double. Fine tubers just from Belgium. White, crimson, scarlet, yellow, salmon and orange. 10c each, six for 50c. Five lots \$2.00.

GLOXINIAS.—I have splendid Gloxinias this season. White, scarlet, blue, spotted, red edged with white, and blue edged with white. 10 cts. each, or the six tubers 50 cts. Five lots \$2.00.

FOR \$1.00 I will mail Park's Floral Magazine three years, the six Double Begonias, the five Frilled Begonias, and the six Giant Gloxinias, guaranteeing their safe arrival. Order this month. Address

GEO. W. PARK, La Park, Pa.

Please remit by M. O., Draft or Registered Letter, or in Parcels Post stamps of 1c and 2c denominations.



SEED and BULB OFFER

I want everyone who receives this copy of the Magazine to renew their subscription at once, and to that end I make the following liberal premium and club offers:

Combination Offer No. 1,—20 Cts.

Magazine 1 year to 1 Subscriber 10 cts
Four packets of seeds your choice from this list 10 cts.
Total for Magazine and seeds, 20 cents.

Combination Offer No. 2,—50 Cts.

Magazine 3 years to one subscriber or 1 year to 3 subscribers 25 cts.
10 packets of seeds your choice from this list 25 cts.
Total for Magazine and seeds, 50 cents.

Combination Offer No. 3,—\$1.00

Magazine 6 years to 1 subscriber or 1 year to 6 subscribers 50 cts.
20 packets of seeds your choice from this list 50 cts.
Total for Magazine and seeds, \$1.00.

Combination Offer No. 4,—\$2.00

Magazine 1 year to 12 subscribers \$1.00
40 packets of seeds your choice from this list \$1.00
Total for Magazine and seeds, \$2.00.

SPECIAL CLUB PREMIUMS.—The above are liberal Seed Premiums, and subscriptions are readily obtained upon them; but to further encourage club orders and subscriptions I make the following very liberal Bulb Offers:

During March and April to anyone sending a club of three subscriptions (50 cents), I will send 6 Splendid Mixed Gladiolus. For six subscriptions (\$1.00) I will send a superb collection of named Gladiolus. For twelve subscriptions (\$2.00) I will send the six splendid Mixed Gladiolus and the superb collection of named Gladiolus. This collection includes all the colors in white, rose, scarlet, cream, pink and blue, as follows:

White, Augusta, shaded,	5c	Cream, Hollandia, new, large	5c
Rose, America, large flowers,	5c	Pink, Pink Beauty, dark spots	5c
Scarlet, Brencleyensis, very rich	5c	Blue, Coerulea, new, blue: very fine	5c

This entire collection free as a premium, as offered above, or it will be sent (6 bulbs) for 25 cents, if you wish to purchase it.

The above premium offers are in addition to the seeds offered, and those who get up a club should not fail to give the names of the subscribers.

Now, how many of my friends will favor me by getting up a club this month? May I not hear from many of them?
GEO. W. PARK, La Park, Lancaster Co., Pa.

CHOICE FLOWER SEEDS.

BLOOMING FIRST SEASON.

Acacia lophantha, lovely, fern like, foliage plant, seeds easy to start.
Ageratum, new, large-flowered Dwarf, mxd; fine for sunny bed or pot.
Alonsoa, free-blooming, bright annuals for beds or pots; mixed.
Alyssum, sweet, white flowers ever-blooming; for edgings and pots.
Ambrosia, sweet-scented annual for bouquets; pretty foliage.
Amaranthus, showy foliage and bloom, mixed; also Joseph's Coat.
Anagallis, Pimpernelle, pretty annual: blue, scarlet and red; mixed.
Antirrhinum, Snapdragon, new, giant, fragrant; big spikes of gorgeous flowers; beautiful, mixed.
Arctotis, Breyiscapa and Grandis mixed; large, daisy-like bloom; fine.
Artemisia annua, Sweet Fern fragrant foliage, easily grown; fine for bouquets; very pretty.
Arnebia cornuta, Prophet Flower, golden yellow spotted brown.
Argemone, Mexican Poppy, showy; yellow and white, mixed.
Asperula azurea, blue annual.
Aster, Park's Fine Bedding, 1 foot; Red, White, Blue, separate or mixed.
Aster, New Hohenzollern, large frilled blooms; 2 feet high; many rich colors; mixed; one of the best.
Aster, Giant Victoria, large imbricated flowers, the best; finest mixed.
Aster, New Christmas Tree, mixed.
Aster, Ostrich Feather, best mixed.
Aster, Pæony-flowered Perfection, elegant incurved bloom, rich; mxd.
Aster, New Pompom, elegant flowers, white centers; choice colors.
Aster, Dwarf Bouquet, like a little pyramid set upon the ground; mixed.
Aster, Chrysanthemum Dwarf, very beautiful large blooms; 1 foot; mxd.
Aster, Invincible, tall; large flowers on long stems; superb colors, mixed.
Aster, Yellow Quilled, a splendid yellow variety; the best yellow.
Aster, all varieties, splendid mixt.
Note.—All of these Asters bear the finest double flowers; are unsurpassed.
Balsam, Park's Camellia-flowered, finest large-flowered Balsam; very double, all plain colors, also spotted; finest mixture. The best strain.
Bellis, Double Daisy, new, large-flowered, full double, hardy; continuous blooming; fine for edging; mxd.
Brachycome, Swan River Daisy, lovely little annual, blue, white, mxd.
Brocillia, fine everblooming, excellent for garden beds and winter-blooming in pots; mixed.

Calendula grandiflora, elegant double hardy annual; beautiful and showy; blooms through autumn and until the snows of winter. Mixed.
Calliopsis, Black-eyed Susan, very bright, showy flowers; yellow, brown, mottled; makes splendid bed. Mixed.
Callirhoe involucrata, fine trailer, ever-blooming; cup-shaped carmine bloom; hardy perennial, fine bedder.
Campanula, annual, pretty little bells in profusion, blue, white, Mxd.
Candytuft, hardy annuals, white, carmine, lilac; big tufts, showy; mxd.
Canna, Crozy's Large-flowering very attractive; semi-tropical foliage and great spikes of bloom of various rich colors. Mixed.
Carnation, Margaret, large-flowered double, semi-dwarf, very free blooming, clove scented, blooms first season, hardy, White, Rose, Red, Yellow, Variegated; mixed.
Capitum, Pepper, 25 varieties; all shapes, sizes and colors, edible, some good for pickling, others for window pots; fine garden hedge; mxd.
Celostia, Coxcomb, dwarf, immense combs, Yellow, Scarlet, Crimson, mixed. Fine for pots or beds.
Celosia, Plume-flowered, new; huge feathery heads, rich colors; Thomson's finest strain; mixed.
Chrysanthemum, annual, double and single; free-blooming plants all summer; good winter-blooming pot plants; mixed.
Clarkia, Double and Single; elegant, showy annuals of easy culture; splendid for beds: White to Carmine.
Convolvulus tricolor, Dwarf Morning Glory; beautiful dwarf annuals; free-blooming, showy, in many colors from white to blue; mxd.
Cosmos, large-flowered, finest sorts; very graceful, free-blooming and beautiful, White, Rose, Carmine, Mixed. Fine for cutting.
Dahlia, Single-flowered and Double-flowered, produce splendid blooming plants first season; finest special mixture 5 cts.
Dahlia, Extra Double-flowered; best quality, mixed, 10 cents.
Delphinium, Larkspur, annual, tall, branching, very double and showy, mixed; also Dwarf Hyacinth-flowered, mixed.
Delphinium, Park's Ever-blooming perennial; dwarf; fine for beds.
Datura, blg, sweet, trumpet flowers, yellow, white, lavender, double and single; mixed.
Dianthus Chinensis, elegant Japan Pinks, best double and single, all the new, choice sorts in splendid mixture, bloom first season, fine beds.

Dimorphotheca aurantiaca, New African Daisy; golden annual of great beauty; splendid bedder.
Erysimum, new bedding, lovely, fragrant golden annual, somewhat like Wallflower, a sheet of gold.
Eschscholtzia, Cal. Poppy double and single, large-flowered, white, golden, carmine, striped, mixed.
Euphorbia, showy bracted annual scarlet and white, mixed.
Fenzlia dianthiflora, very pretty, free-blooming little annual, pink.
Gaillardia grandiflora, the finest sort; large, showy, long-stemmed blooms, bright colors; hardy perennial blooming first season; splendid for beds and cutting, mixed.
Gilia tricolor, fine annual, mxd.
Godetia, superb, large-flowered, showy bedding annuals, fine, mixed.
Helianthus, Sunflower, finest double and single in superb mixture.
Hibiscus, finest sorts mixed.
Hunnemannia, Mex. Poppy, fine.
Ice Plant, fine succulent, mixed.
Impatiens, African Balsam, new ever-blooming Balsam for beds in summer and pots in winter; colors white to scarlet, mixed, splendid.
Kentworth Ivy, new large-flowered; splendid creeper to cover a Gladiolus bed, or deeply shaded ground; the best basket plant for a dense shade, drooping gracefully.
Lavatera trimestris, showy and beautiful, dwarf, hollyhock-like annual; white, pink, mixed.
Leptostiphon, very pretty, profuse-blooming annual, mixed.
Lupinus Nanus, elegant hedge or border annual; white, rose, red, mxd.
Linum grandiflorum, a grand red-flowered Flax, makes gorgeous bed.
Linaria, superb annual, greatly admired; like little Snapdragons; mxd.
Lychnis, showy and elegant perennial blooming first season; white, scarlet, rose, mixed.
Lobelia, lovely edging, basket and pot plant, finest new sorts; blue, purple, rose, white, mixed.
Marigold, French, rich colors and spotted, dwarf or tall, double or single; separate or mixed.
Marigold, African, double as a Dahlia; yellow and orange; dwarf or tall; separate or mixed.
Marigold Lilliput, dwarf, small-flowered, for edgings and pots, mxd. Also the Fern-leaved Tagetes signata pumila, for edgings.
Martynia, coarse annuals, but bearing pretty Gloxinia-like flowers in big clusters. Mixed.
Mathiola, sweet evening stock.

Matricaria, Golden Ball, Silver Ball, yellow; white, double, very profuse; mixed.

Mimulus, large-flowered Monkey Flower; mixed. Fine basket plants.

Mignonette, finest new large-flowered sorts; very sweet; mixed.

Mirabilis, Four-o'clock, Tall, Dwarf, Mixed, including all the new colors and varieties.

Myosotis, Forget-me-not, newest and finest blue, white and rose sorts, mixed; very handsome.

Nemesia, New Strumosa hybrids, large-flowered, very free-blooming; splendid, mixed.

Nemophila, charming hardy annuals of many rich colors; mixed.

Nicotiana affinis, new hybrids, white, rose, purple, mixed; deliciously scented. Sanderi, new hybrids mx.

Nigella, Love-in-a-mist, New Miss Jekyll, rich double blue, also mixed.

Nycteria, dwarf, tufted fragrant annual. Makes a fine bed.

Oenothera, Evening Primrose, large, showy biennials; bloom first season; beautiful; mixed.

Oxalis, for baskets, edgings, mxd.

Pansy, Roemer's Giant Prize, direct from the great Pansy Specialist in Germany; finest and largest Pansies known; finest mixture.

Petunia, Park's Mammoth, double and single, plain and frilled, finest mixture. Also Park's Elegant Petunias for pots and beds, mixed, and Park's Edging Petunias, mixed. These are all unsurpassed.

Pentstemon, New Gentianoides, large flowers, bloom first season; mxd.

Phlox Drummondii, New large-flowered, all the finest colors, mixed, superior for beds. Also Hortensiflora, mixed, and Cuspidate and Fringed, mixed. There are no finer Phloxes than these.

Poppy, Annual, Giant, feathered bloom, very double; 3 feet; 20 colors, separate or mixed. Also Paeony-flowered, mixed; Cardinal, mixed; and Shirley Improved, mxd. These are the finest Poppies known, elegant for beds, fine for cutting.

Portulaca, single and double, separate or mixed; very showy large flowers; like sandy soil and hot sun.

Polygonum orientale, graceful annuals, showy and easily grown; make a fine screen.

Ricinus, large, showy foliage, semi-tropical, make a bold group; thrive in dry, sandy soil; are perennial south of the frost-line. Mixed.

Rudbeckia, showy, beautiful golden-flowered perennials; mixed.

Salvia splendens, new, large scarlet sorts; make a fine bed; mxd.

Salpiglossis, New Emperor, very large, elegant penciled flowers of rich colors, mixed.

Sauvitalia procumbens; Double.

Scabiosa, large-flowered double; finest new colors; globular flowers on long stems. A splendid annual.

Schizanthus, Butterfly Flower, very profuse blooming, beautiful annuals for beds or pots. Mixed.

Senecio elegans, fine bedding plant, double; charming colors, blue, white, rose, yellow, purple, mixed.

Silene pendula, hardy annual, trailing rich double flowers; mixed.

Solanum, best fruiting sorts, mxd.

Ten Weeks Stock, New Hollyhock-flowered, the finest; big spikes of double, richly scented flowers, mixed. Also, Dwarf German, mxd; Perpetual Perfection, mixed; Giant of Nice, mixed; Giant Perfection, and others. My Stocks are first-class.

Tropaeolum, Tom Thumb, Dwarf Nasturtium, mixed, elegant for beds. Pkt. 5 cts, oz. 10 cts, pound \$1.25. Also Lilliput, new Baby Nasturtium, mxd.

Verbena, large-flowered, fragrant, splendid for garden beds in summer, or window pots in winter. All rich colors from white to scarlet and rich blue, also variegated; separate or mixed. My seedlings are first-class. Also New Dwarf Compact, mixed.

Vinca Rosea, charming annual; ever-blooming; for beds or pots; mxd.

Virginia Stock, annual, for masses in the garden, or pots in the house; many rich colors, mixed.

Viola, Tufted Pansy, almost as showy as Pansies, and stand sun better; make a fine bed; large, fragrant flowers, richest colors, mixed.

Viscaria oculata, fine, showy annuals, mixed.

Wall-flower, Parisian, splendid sort, rich, fragrant spikes; blooms first season; brown, red, yellow, mxd.

Zinnia, Improved Double Bedding, a showy and beautiful annual, blooming all the season; flowers large, and as bright as a Dahlia; makes a fine bed. Mixed. Also Mammoth, Fringed, Crispa and Striped.

ORNAMENTAL GRASSES.

Agrostis nebulosa, Animated Oat, Briza in variety, Bromus, Hordeum, Job's Tears, Hare's Tail Grass, Panicum virgatum, plicatum, sulcatum, Feather Grass, Tricholœina, etc., separate or mixed.

EVERLASTING FLOWERS

Acroclium, mxd; Ammobium grandiflorum; Gomphrena or German Clover, mixed; Gypsophila, mixed; Helipterum; Double Helichrysum, mixed; Rhodanthe, mixed; Statice, mixed; Waitzia grandiflora; Double Xeranthemum, mixed. Also complete mixture of all kinds.

GRACEFUL CLIMBERS.

Cardiospermum or Balloon Vine, mixed; Cobœa Scandens or Mexican Bell Flower; Calampelis scaber; Canary Creeper; Centrosœma; Clitoria, mixed; Cypress Vine, mixed; Convolvulus or Morning Glory, mixed; Dolichos or Hyacinth Bean, mixed; Gourds in variety, as Dipper Gourd, Dish-cloth Gourd, Sugar-trough Gourd, Bitter-box Gourds of various colors and shapes, mixed; Balsam Apple, Hundred-weight Gourds of various colors, mixed; Snake Gourd, Wild Cucumber, Snake Cucumber, Fancy Gourds mixed, Nest-egg Gourd, Turk's Turban, Bryonopsis and Cyclanthera; Humulus variegata or Hop; Ipomœa, mixed; Perennial Pea, mixed; Lophospermum; Moon Vine; Improved Japan Morning Glory in splendid mixture; Giant Nasturtium, mixed; Tropœolum Lobbianum, mxd; Scarlet Runner; Sweet Peas, best mixed, ¼ lb 15 cts, 1 lb 50 cts; Thunbergia alata, mixed; and Vicia, mixed. (See Park's Floral Guide for full descriptions and illustrations.)

BLOOMING SECOND SEASON.

Aquilegia, large-flowered, long-spurred, elegant hardy plants, very showy and beautiful, mixed.

Aconitum, Monk's Hood, finest.

Adlumia cirrhosa, lovely delicate fern-vine; 20 ft. very graceful.

Adonis Vernalis, yellow, grand.

Arabis alpina, white, in early spring; grows in masses; splendid.

Aubrietia, trailing, masses of rich bloom; fine wall or border plant.

Agrostemma, showy, red, mixed.

Alyssum saxatile, golden, fine.

Aster, perennial, large-flower, mxt.

Campanula medium, single, double, Cup and Saucer, separate or all mixed. My seeds of these glorious flowers are unsurpassed.

Carnation, choice hardy Garden, very double and fragrant; splendid colors mixed.

Delphinium, Perennial Larkspur, grows six feet high, bearing long spikes of rich bloom; hardy and beautiful; rich mixture.

Digitalis, Foxglove, 3 feet high; long spikes of drooping bells, beautiful; superb mixture.

Gypsophila paniculata, grand for cutting to mingle in bouquets.

Hollyhock, Chater's Finest Double, all colors, finest strain; flowers full-double, mixed.

Ipomopsis, Lupinus, Michauxia, Malva moschata, Matricaria, Cœnothera, separate.

Perennial Poppy, new named; glorious big hardy perennials, flowers rich colored, often nine inches across. Splendid hybrids mixed.

Perennial Pea, free-blooming, ever-blooming, hardy vines; grand for a trellis or mound; mixed.

Platycodon, Large flowered; big blue and white flowers, charming; fine for a garden bed, hardy, mixed.

Primrose, hardy, best sorts, mxd.

Perennial Cosmos, Pyrethrum, splendid; white, rose, red; mixed.

Pinks, Carnations and Picotees, double and single, all clove-scented, hardy, rich for borders. Mixed.

Perennial Phlox, showy garden plant; big panicles of rich colored flowers, mixed.

Behmannia, Ranunculus, Sweet Rocket, Salvia azurea grandiflora, Salvia prætensis, separate.

Scabiosa Caucasica, handsome perennial in garden, and fine for cutting, mixed. A choice perennial.

Stokesia cyanea, Silene orientalis, Sidalcea, Stenactis, separate.

Sweet William, new large-flowered, single and double; all rich colors in splendid mixture.

Verbascum, Oriental Mullein, fine.

WINDOW PLANT SEEDS.

Abutilon, New Hybrids, Flowering Maple, elegant for garden or for window pots; colors white, rose, crimson, golden, mixed.

Antigonon leptopus, superb southern vine; lovely pink clusters.

Asparagus plumosus, Sprengerl, Decurrens, Scandens, Tenuissimus, separate or mixed.

Browallia, Large-flowered Speciosus; blue; new and beautiful.

Boston Smilax, elegant pot-vine.

Begonia, Tuberous and Fibrous-rooted, finest colors and varieties.

Calceolaria, magnificent pot-plant for winter-blooming; splendid strain, finest colors; mixed.

Chrysanthemum, fine, large.

Cineraria, large-flowered, finest strain, richest new colors, mixed; unrivalled pot-plants for winter.

Cyclamen, new large-flowered, superb winter-blooming pot plant; all the fine new colors mixed.

Cyperus or Umbrella Plant, Eupatorium, Erythrina, Freesia, Fuchsia, separate.

Gloxinia, finest large-flowered hybrids; charming colors and variegations; best strain; mixed.

Geranium Zonale, a grand strain imported from France; rare and lovely shades; finest mixture.

Heliotrope, new, large-flowered, French; very fragrant, charming colors, mixed. A superb strain.

Lantana, ever-blooming, newest varieties, very beautiful; mixed.

Lobelia, splendid sorts for baskets or pots, finest mixture.

Mimosa Pudica, Sensitive Plant, lovely foliage, rosy, fluffy flowers.

Primula Chinese, Improved, large-flowered, all the new colors; the finest ever-blooming pot plant for winter-blooming; best mixture.

Primula, New French Giant, mx. New Star, mxd; New Fern-leaved, mixed; New Double, mixed.

Primula Obconica, newest large-flowered, plain and fringed, rich and varied colors, mixed.

Primula, Floribunda or Buttercup; Forbesl or Baby Primrose; Sieboldii, mixed; Kewensis, golden yellow; Japonica, mixed.

Salvia coccinea splendens, a beautiful Scarlet Salvia for winter.

Solanum, Jerusalem Cherry; Stevia Serrata; Swainsonia, mixed; Torenia Fourniera, mixed; Veronica, mixed, and Vinca Rosea, mixed.

Any of the above choice seeds, best quality and vitality, only 5c per pkt. See full descriptions and illustrations in Park's Floral Guide, sent free on application. Order this month. Address GEO. W. PARK, LaPark, Pa.

GET UP A CLUB.

PARK'S FLORAL MAGAZINE one Year and 10 Packets of Choice Flower or Vegetable Seeds for only 15 cents.

Now is the time to Get up a Club.

I wish I could send to every boy and girl, as well as to older persons, the handsome nickle-plated, open-faced watch, or the beautiful little Swiss wall clock I offer for a club of ONLY 10 SUBSCRIBERS to Park's Floral Magazine at 15 cents each. It is something that cannot fail to be appreciated, while the Magazine and its premium of 10 packets of Choice Flower or Vegetable Seeds will delight everyone who joins such a club. Here is a list of the Premium Seeds sent to each subscriber. State whether Flower or Vegetable seeds are desired.



CHOICE FLOWER SEEDS.

Aster, Queen of the market, fine double flowers in autumn; blue, white, pink, etc, mixture.
Larkspur, Double branching, glorious annual, double flowers of many colors, mixture.
Pansy, Giant Fragrant, bloom the entire season, bearing rich colored flowers, mixture.
Petunia, Superb Bedding; a mass of bloom all season; new colors and variegations.
Phlox Drummondii, plants covered with beautiful clusters of bloom of various colors

Pinks, New Japan, most beautiful of summer flowers, glowing colors and variegations.
Poppy, annual, single and double, masses of exquisite, rich flowers, mixed.
Portulaca, a Large-flowered succulent plant; flowers white, scarlet, rose, yellow, striped.
Sweet Peas, New Large-flowered, scented; easily grown; all the new shades and forms.
Mixed Seeds. Hundreds of old and new flowers in variety. Something new every day.

These flower seeds are of the finest quality. They will afford an elegant floral display.

CHOICE VEGETABLE SEEDS.

Beet, Improved Blood Turnip; early, tender, sweet, productive.
Cabbage, Early Solid Cone; solid, crisp, tender, delicious.
Cabbage, Late Flat Dutch; best for general crop, sweet, solid.
Cucumber, White Spine; medium size, early, crisp, productive.
Lettuce, Drumhead; compact heads, early, tender, rich, buttery.
Onion, Danvers Yellow; best to grow large onions from, mild.
Parship, Guernsey; the best, large, tender, sugary, of fine flavor.
Radish, Mixed, specially prepared, early, medium and late sorts.
Tomato, Matchless; earliest of all, rich red, solid, does not rot.
Turnip, Purple-top White Globe; improved sort, sweet, tender.

These Vegetable Seeds are first class, and will produce the finest vegetables.

Either collection, flower or vegetable, will be sent as a premium to every annual Magazine subscriber paying 15 cents; or, the Magazine a year and both collections sent for 25 cents.

Park's Floral Magazine is the oldest, most popular, and most widely circulated journal of its class in the world. It treats only on flowers and kindred topics, and, while entertaining, it is practical and authoritative, and will be found a true guide to success in floriculture. It is one of the journals that gives full value to every subscriber.

NOW is the Time to solicit subscribers to the Magazine. A new volume began with the January number. An index is given with each volume, and it thus becomes a most valuable work of reference to the cultivator of flowers. I would urge you my friend, to help me this month. The larger my subscription list the more valuable I can make the Magazine. I will send either the Watch or Clock for ten subscriptions at 15 cents each (\$1.50), or both for twenty subscriptions (\$3.00). Is this not a liberal offer? May I not hear from you this month.

GEO. W. PARK, La Park, Pa.

IF YOU LOVE FLOWERS



You will find pleasure in reading and studying Park's Floral Guide. It not only describes and prices nearly all the flowers worth growing from seeds, but gives many illustrations, tells how to pronounce the names and indicates the time required by the seeds to germinate. It is just what every amateur florist needs as an assistant in selecting and growing the flowers and vines desired for home decoration. If you do not have a copy, let me know, and I will gladly send it to you.

And when writing why not order a collection of the beautiful Giant Hybrid Gloxinias. I have splendid tubers just imported from Belgium, this season, described and offered as follows:

SPLENDID GIANT HYBRID GLOXINIAS IN COLORS.

Pure White, beautiful,	10 cents	Scarlet, with White border,	10 cents
Bright Red, very pretty,	10 cents	Blue, with White border,	10 cents
Royal Blue, rich, lovely,	10 cents	Spotted, in various shades,	10 cents

The Collection, one tuber of each sort, 6 tubers in all, only 50 cents.

These Gloxinias are ready to mail, and can be sent at once, unless there is danger of freezing. Order today. Cultural directions sent with the tubers.

GEO. W. PARK, La Park, Pa.

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WONDERFUL BARGAINS IN POUND BOXES of beautiful Large Silk Remnants for fancy work, quilts, portieres, pillows, etc. One pound will make a grand bedspread. Send **10 CENTS** for a big package of lovely silk, and samples of our splendid Velvet, Gingham, and Mill Remnants. Also instructions for making Silk Portieres. Your money back if not delighted. If you **AGENTS WANTED**. are not earning

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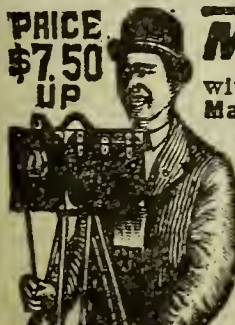
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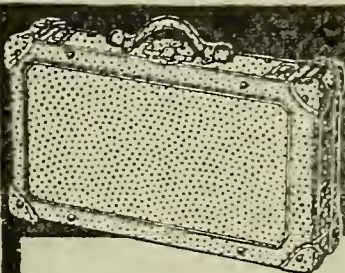
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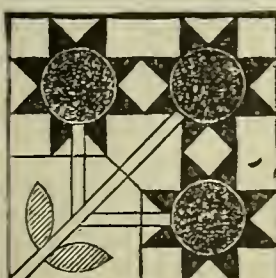


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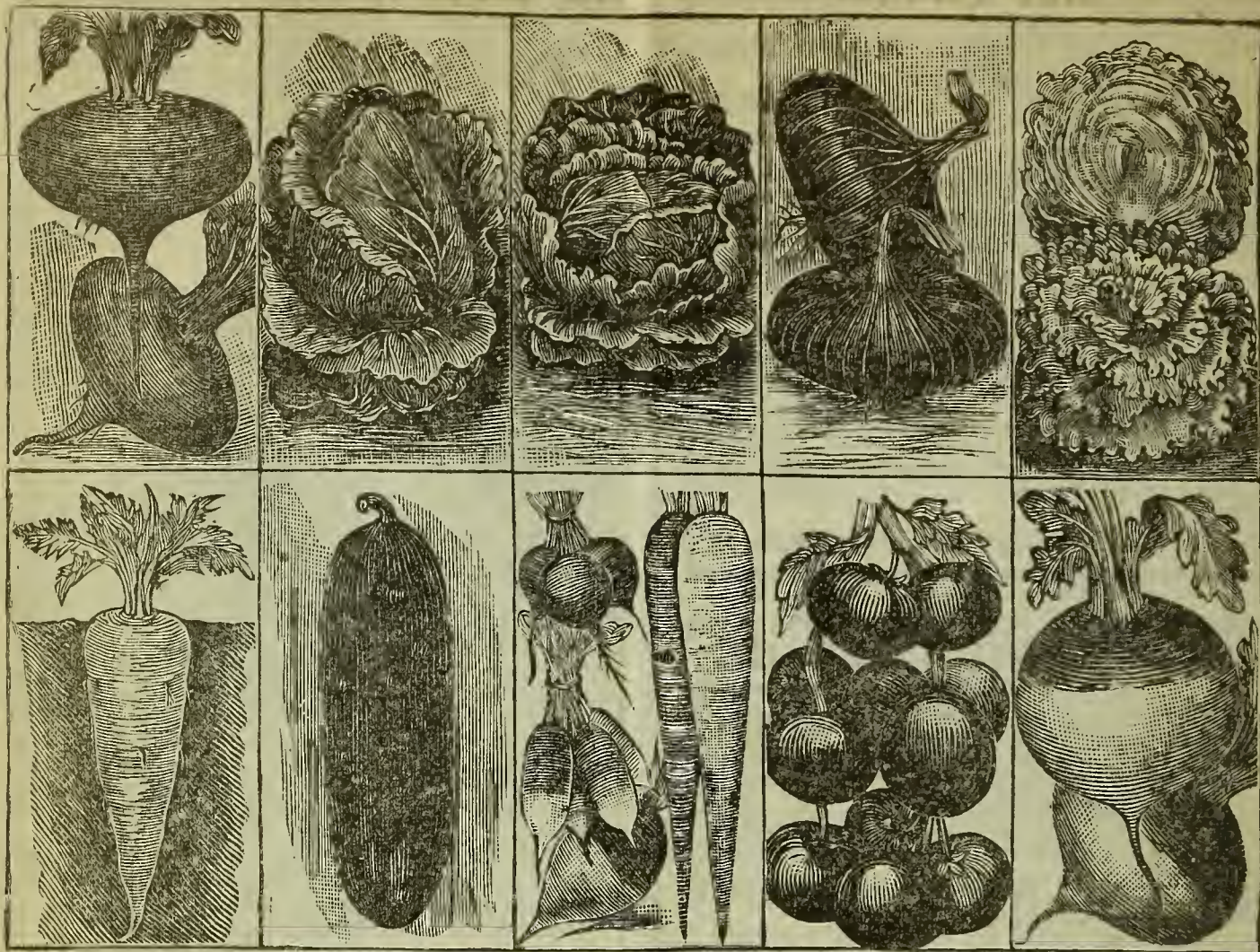
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BRIEF ANSWERS.

Re-setting Lily of the Valley.—Lily of the Valley can be re-set either in autumn or early in spring. Early spring planting is generally preferred.

Aster Beetle.—In autumn the Aster flowers are often attacked by a beetle that eats the petals and ruins their beauty. This pest can be killed by spraying with arsenate of lead, one ounce to five gallons of water, applying the material after every rain.

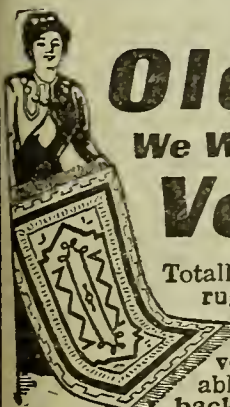
Non-blooming Plants.—Roses like a sunny situation and Hydrangeas partial shade. If they fail to bloom under these conditions, apply a dressing of bonedust and work it into the surface soil. If you do not have any bonedust, quicklime may be used instead.

Asparagus Sprengeri.—When an Asparagus Sprengeri is doing well do not disturb it. If the plant is growing in a small vessel, you can enrich the soil by watering occasionally with weak manure water. Avoid strong applications, as they will be likely to injure the plant.

Flowering Maple.—The Abutilon is often called Flowering Maple. It thrives in a rich, porous compost with good drainage, and in a sunny situation. When the plant becomes too large, it can be cut back. The new compact varieties are preferable for pot culture in the window, as they are dwarf in growth, free-blooming, and come in all the leading colors of this flower.

Aphis on Ivy.—To rid an Ivy of aphis set an empty box over the plant and place under, also, a saucer of live coals covered with wet tobacco. The fumes of the tobacco will destroy the insects, and two or three treatments of this kind, at intervals of three or four days, will effectually eradicate them. If some tobacco stems are then placed over the soil in the pot, the aphis will not reappear.

Mealy Bug on Fuchsias—A subscriber from Missouri inquires how to get rid of a scaly bug on Fuchsias. It is not often that scale insects attack Fuchsias, but when they do they should be rubbed off and sprayed with lime and sulphur solution, one part to fifteen parts water. This is also a remedy for the white fly, which is often troublesome on Fuchsias. The inquirer, however, probably refers to the Mealy Bug, as that is perhaps the most troublesome of Fuchsia enemies. It can be eradicated by removing the nests and then spraying with tobacco tea as warm as the hand will bear.

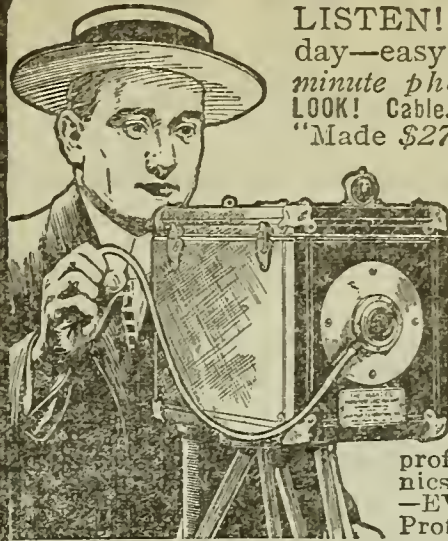


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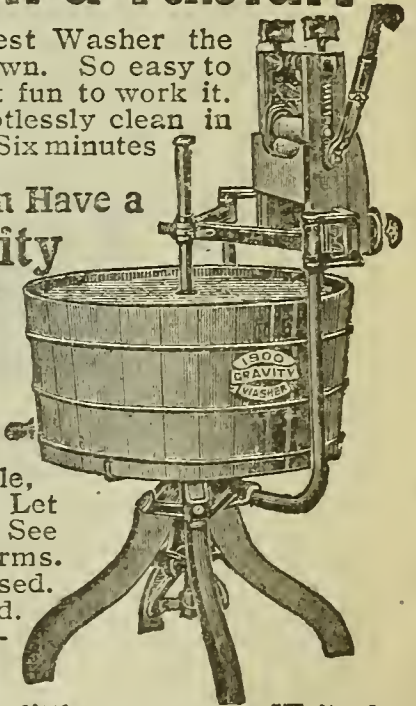
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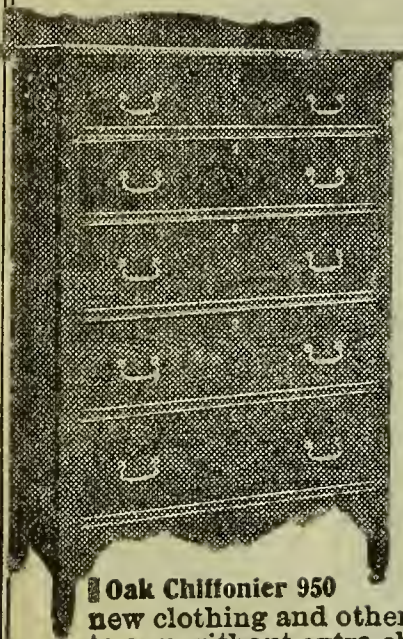
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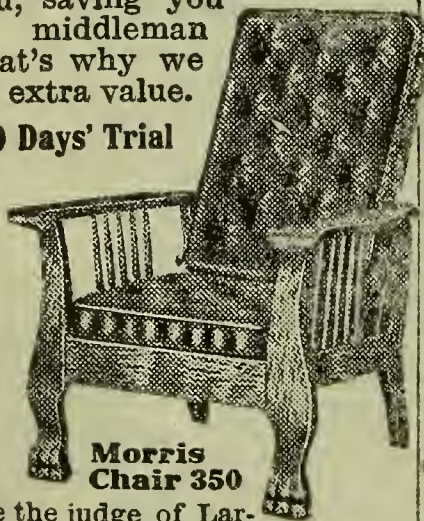
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BRIEF ANSWERS.

Quick-Growing Vines.—A subscriber in Nebraska has a stucco house and wishes to make it more attractive by quick-growing vines. The vines recommended are Cobæa Scandens and the Common and Japanese Morning Glories. These will require a string support, and will grow to the height of thirty feet or more in one season. The plants can be started early in pots or little boxes in the house, and transplanted. The Common Morning Glory can be sown outdoors as soon as the ground can be worked in spring—the earlier the better.

Kudzu Vine Non-blooming.—A subscriber in Tennessee complains that her Kudzu Vine, five years old, does not bloom. She wants to know what treatment to give it. The non-blooming of Kudzu Vines is a common complaint. The plant delights in a hot, sunny situation, and in a deep, moist, rich soil. It makes an enormous growth. Perhaps a sandy, porous soil would promote the development of buds and flowers. Some of the readers may be able to give practical information on this subject.

Non-blooming Geranium.—When a Geranium fails to bloom after keeping it for some time, the plant should be bedded out in summer in a sunny exposure, the soil being rather sandy and some lime worked into the surface. If it does not begin to bloom with this treatment, do not give it further attention, as there are too many good, free-blooming varieties to justify wasting time upon a sparse-blooming sort.

Sowing Columbine Seeds.—Perhaps the best time to sow Columbine seeds is in the spring. Sow in a rather shaded bed, covering the seeds slightly, and keep the soil moist until the plants appear. The seeds may also be sown during the summer and early autumn. When autumn-sown, a little protection will be found of benefit to the plants.

Carnation Fungus.—A sister from West Liberty, Iowa, sends a diseased spray of her Carnation, and wants to know how she shall treat the plant. The spray submitted is affected by a fungus, and to overcome the disease, cut away and burn all the affected parts as soon as they appear; dust the foliage with lime and sulphur, and stir some of the material into the surface soil.

Sultani Enemy.—A sister living at Marcy, N. Y., has an Impatiens Sultani that is troubled with a web at the axil of the leaves, and on the under side of the leaves appear tiny, almost invisible, white insects. The web is doubtless caused by the Mealy Bug, and the small insects are the young. The enemy can be eradicated by removing the web, and then spraying with warm Quassia Chips tea.

QUESTIONS.

Dahlia Roots.—Will someone tell me if Dahlia roots are poisonous, or if the tubers can be boiled and fed to poultry without injury?—H. S. Shriver, Cuyahoga Co., Ohio, 1912.

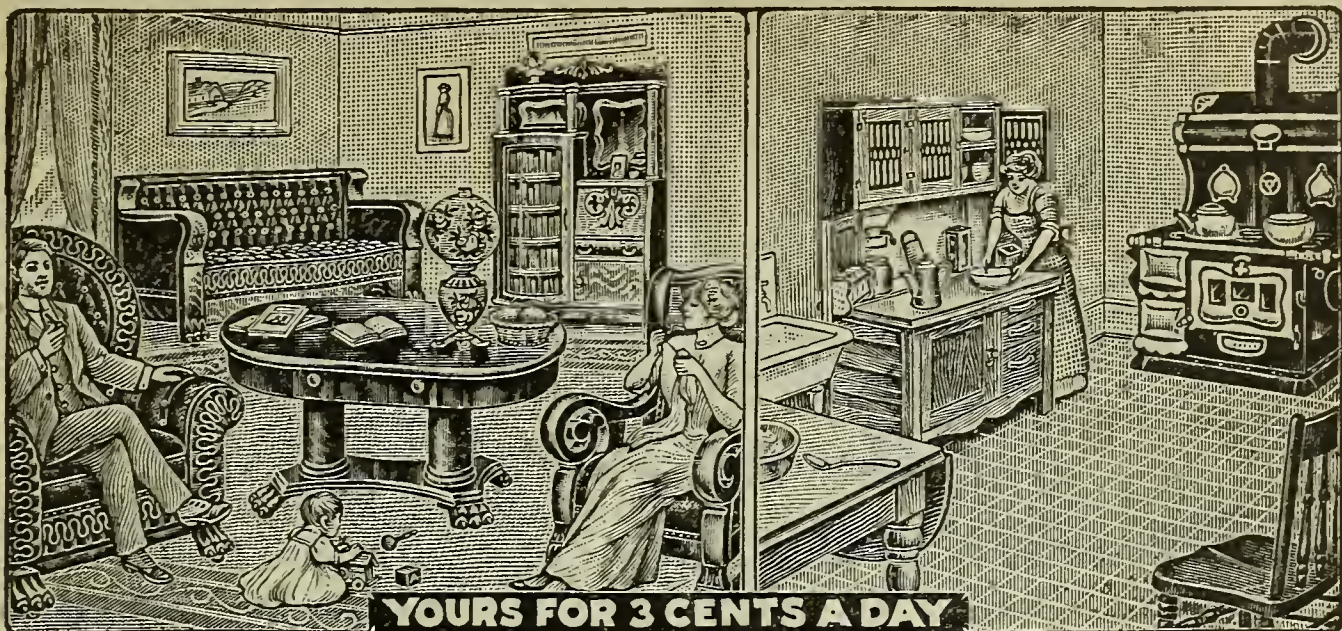
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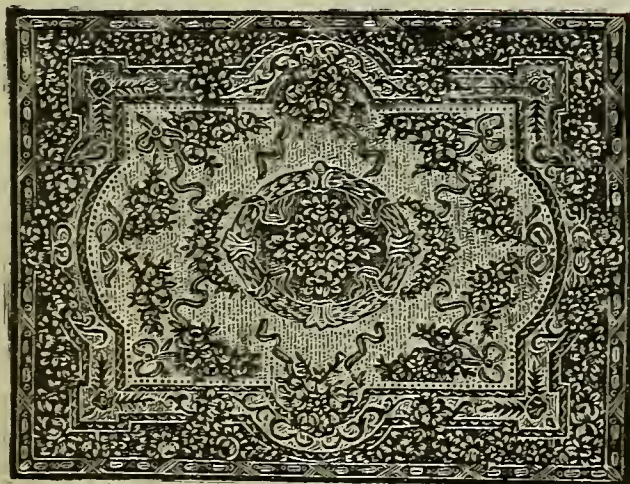
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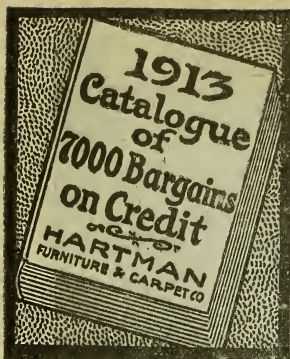
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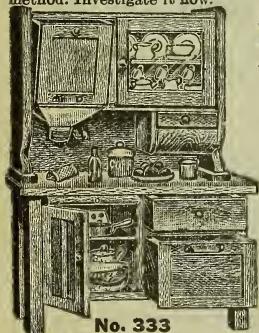
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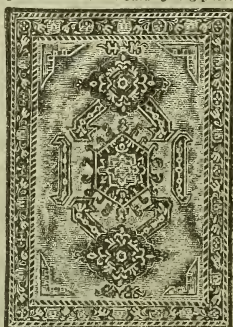
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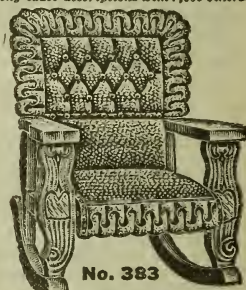
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GEORGE W. PARK, Editor and Proprietor.

Vol. XLIX.

La Park, Pa., March, 1913.

No. 3.

MARCH.

Like a spoiled and petted child,
Always tuned to bawl,
March goes forth with temper riled,
Ready for a squall.

Topeka, Kans.

Gussie Morrow Gage.

SINGLE FLOWERED DAHLIAS.

Forty years ago the single flowered Dahlias were generally considered unworthy of cultivation, and seedling Dahlias were almost unknown. The Dahlias in common cultivation then were double, and of honey-comb form, while propagation was effected almost entirely by division of the clumps of tubers in early spring after the sprouts appeared. About this time, however, French and German florists began to improve and recommend the single flowered varieties, and these Dahlias have been becoming handsomer and more popular every year, until today many persons see more beauty in these varieties than in the double flowered Dahlias.

Today we have single flowered Dahlias in all the leading colors, from white to purple, and from yellow to rich scarlet, and many in exquisite variegations, as striped, shaded, blotched and spotted. Some have short, pure white rays just inside the border ones, and these are known as Collar or Collarette Dahlias. Some have the outer rays tipped with a pure white

spot. Some plants are dwarf, and some tall; some flowers are small, and others large; some of Cactus form, others with broad, showy ray florets. Thus we have even more diversity in these Dahlias than we have in the double flowered kinds.

Some years ago, when in Paris, I was taken out to the trial gardens of Vilmorin-Andrieux to see the new Giant-flowered single Dahlias which they had under special cultivation. The plants were about four feet high, branched freely, and were covered with large, showy, well-developed flowers of many colors.

This novelty was afterwards introduced as Single-flowered Giant Perfection. This race is among the best of the single Dahlias, and as there are many colors a group of the plants in bloom is interesting and beautiful. One of the plants is represented in the accompanying engraving.

All of the single flowered Dahlias bear seeds, and from these, plants are as easily grown as Zinnias. They like a sunny bed and a rich, sandy soil with good cultivation. Under these conditions the flowers are freely and fully developed, and never fail to make



SINGLE FLOWERED DAHLIA.

a handsome and satisfactory display. Those who have cultivated only the double flowered Dahlias should give the single flowered varieties a trial this year. They will generally be found more graceful and free-blooming, and quite as attractive as the double Dahlias.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 10 cts. for 1 year, 25 cts. for 3 years, or 50 cts. for 6 years.

All communications relating to advertising should be directed to Rhodes & Leisenring, 1017-21 Unity Building, Chicago, Ill., who are the advertising representatives.

STATEMENT REQUIRED BY ACT OF CONGRESS OF AUGUST 24TH, 1912
This is to certify that Geo. W. Park, LaPark, Pa., has appeared before me and certified that he is the owner, publisher, manager, and editor of the monthly publication, Park's Floral Magazine, published at LaPark, Pa., and that there are no bondholders, no mortgagees, or no other security holders. (Signed) Geo. W. Park. Sworn and subscribed before me this 27th day of September, 1912, JOHN WEAVER, Justice of the Peace, Gordonville, Pennsylvania. Commission expires Jan. 2, 1918.

MARCH, 1913.

Asparagus Sprengeri.—When an Asparagus Sprengeri fails to grow, repot it in a rich, rather tenacious soil with good drainage, using a pot that is small for the size of the plant. Water moderately and keep the surface soil stirred. Shift into a larger pot as the roots begin to crowd.

Transplanting Pine Trees.—The best time to transplant Pine trees is in the spring of the year, just before they begin growth. The secret of transplanting is to keep the roots moist from the time they are lifted until set. If allowed to dry out the resin in the roots becomes hardened, and the plants will not live after setting.

Scale on Ferns.—When a Fern is attacked by scale, and the fronds become thoroughly infested, the best thing to do is to cut off the fronds close to the ground and burn them, then encourage new growth. If chopped tobacco stems are placed over the soil the scale will not be so likely to develop again. Spores or "seeds" of Ferns which appear as blisters upon the under side of the fronds, should not be mistaken for scale insects. They are a natural growth, and will not injure the plants.

Polyanthus Narcissus.—Bulbs of Polyanthus Narcissus purchased from a dealer should bloom freely, either in pots in the house or in glasses of water, the first season. If grown in water, the bulbs are so weakened that they will not bloom the second season. The same is true when grown in pots, unless the bulbs are thoroughly ripened after the bloom fades. As a rule, it is better to buy new bulbs each season, than to depend upon the old ones. As to the hardiness of Polyanthus Narcissus, it may be said that in southern Pennsylvania they will endure the winter, if given some protection, and will bloom for several years. What is stated of Polyanthus Narcissus is also true of the Chinese Sacred Lily, which is simply a variety of the Polyanthus Narcissus.

IMPATIENS SULTANI.

IMPATIENS SULTANI will bloom continuously in a sunny window, if the temperature is kept rather warm and moist and the plant is not subjected to extremes of heat or cold. Avoid watering too freely, as it will cause the soil to turn sour, and thus promote the development of small flies, which breed in sour soil. It will also encourage an attack of



IMPATIENS SULTANI.

green lice, and cause the buds to drop. To bring the soil into a healthy condition stir some quick-lime into the surface, or water the plant with lime water. To get rid of lice, sprinkle tobacco dust over the foliage and allow it to remain on for a day, then syringe with soap suds. Several treatments with tobacco tea at intervals of three days will eradicate lice, and if some chopped tobacco stems are placed over the soil in the pot, the lice will not trouble the plant further.

Black Fly.—The little black fly that appears about plants is probably not injurious to the plants, but they breed in the soil, and the young appear in the form of diminutive white worms. Where these are found, the plants are generally in an unhealthy condition, and the soil is charged with acid. If the drainage is good the trouble can be overcome by watering with hot lime water, applying it until it runs freely from the drainage hole at the bottom of the pot. After watering, dust some wood soot over the surface.

Golden Button.—A lady in Texas inquires about an old-fashioned flower that grew in her mother's garden called "Golden Button." The plant was hardy, and the flowers double, golden, and on long stems. She doubtless refers to Ranunculus acris fl. pl., which was common in old-fashioned gardens. The plant likes a moist, rather shady situation, and will bloom almost continuously throughout the season.

ABOUT PERENNIAL PEAS.

THE PERENNIAL PEA is a perfectly hardy vine, and when once established will last for years. The flowers are large and attractive, ranging in color from white to carmine, and are borne in compact clusters on long, strong stems. Seedlings



PERENNIAL PEA.

will generally bloom the second year, under favorable conditions. The seeds are easily started, and the plants are not difficult to transplant if started in small pots. The vine will grow from six to eight feet high, or even higher if in a deep, moist, rich soil. If you wish a profusion of flowers, however, a sandy, well-drained soil that be-

comes somewhat dry at times, will be preferable. The plant dies to the ground every autumn, and pushes up in spring, beginning to bloom in June. If the flowers are freely cut and no seeds allowed to form, they will bloom continuously until after frost. If a number of plants are set in a circle around a pyramid formed of chicken wire, it will become a mass of bloom, if the soil is rather sandy and dry, and the bed in full sunshine.

Fertilizing to Promote Flowering.—A sister in Kentucky states that she has two seedling Primroses two years old, that have not bloomed, though in a thrifty condition. She has used various fertilizers, and at the time of writing she applied salt, which seems to stimulate growth, but no buds or flowers have yet appeared. Salt is one of the elements that will delay blooming rather than promote it. A fertilizer that tends to early maturity and free-blooming, is bone dust or phosphate or some material containing phosphorus. A dressing of lime is also found beneficial in promoting free-blooming as well as a sandy soil and sunny situation. The cultivator should use these suggestions in such a manner as will best suit the conditions of the non-blooming plants.

Cratægus from Seeds.—Cratægus Oxyacantha, known as English Hawthorn, can be propagated from seeds, which may be sown in a rather shady place in the spring. Clean the seeds before sowing, cover about twice the depth of their thickness, then cover the surface of the bed with Buckwheat hulls or dry moss, and do not disturb for a year. The seeds are usually tardy in starting, and you should not look for the plants until the following spring. The seeds often lie dormant in the ground for two years before starting. As a rule, they germinate well, if given sufficient time. The little plants should remain in the seed-bed a year before they are lifted.

ARTICHOKES.

THE FRENCH Artichokes are *Cynaria scolymus* and *Cynaria hortensis*. They are easily propagated from seeds, which should be sown in the spring where the plants are to grow. They will not bloom until the second year, and the plants should be given some protection at the North, in order that they may live over winter. The first year the long, handsome leaves form, but the second year the flowers appear. Plants grow from three to four feet high, the large, thistle-like flowers appearing at the summit of the branches. The part eaten is the broad, fleshy bracts that form a support for the flower. The heads are cut and boiled, and the central part of the bracts is eaten with butter and salt. The plants like a deep, rich, moist soil and good cultivation, in order to develop strong heads. These Artichokes are very popular as a diet in France, and hence are called French Artichokes. They are altogether different from the Jerusalem Artichoke, the edible part of which is the root. The plant is thistle-like in general appearance, and ornamental in character as well as useful as a vegetable.



ARTICHOKE HEAD.

Root Aphis.—Many persons who grow Asters complain of trouble with root aphis. These insects seem to infest the soil in some localities, and when they get into the soil they are difficult to eradicate. It would be well to spade the ground in autumn, at the same time stirring some quick lime with it; then after planting the Asters in spring, cover the bed with chopped tobacco stems. This will be found an excellent fertilizer, as well as a destroyer of insects. If the plants are still attacked, excavate the soil about each plant, making a little receptacle, and apply tobacco tea as hot as the hand will bear. As a rule, the root aphis clusters about the base of the plant, just beneath the soil, and the insecticide can thus be effectually applied.

Florida Paw Paw.—The Florida Paw Paw is easily grown from seeds, and is a handsome plant, beautiful in foliage, bearing waxy-white, fragrant flowers in clusters during autumn. The plants require about the same treatment as Geraniums, but will not endure frosts. It should have a very sandy, well-drained soil fertilized with liquid manure occasionally.

Strawberry Geranium.—This is the common name for *Saxifraga Sarmentosa*. It is a desirable basket plant for a densely shaded window and a useful plant for growing in a shaded place where other plants do not thrive.

ABOUT FUCHSIAS.

FUCHSIAS are summer-blooming plants, and can be either grown in pots or bedded out during the summer. They like a rich, fibrous loam, mixed with sand and well-rotted manure, with good drainage. The plants are easily propagated from cuttings taken with a heel early in spring, or even during the winter. Pot the cuttings in small pots when rooted, and shift into larger pots as they grow. As the sun grows stronger, shade at midday. When given a border along the



FUCHSIA SPECIOSA IN BLOOM.

east side of a wall or building, they will generally thrive and bloom abundantly throughout the season. In the fall the plants can be taken up and placed in pots, pressing the soil firmly about the roots. Keep them in a frost-proof place during the winter, where they will get some light, and water sparingly. Start into growth early in spring or during the winter, after which cuttings can soon be taken. Syringe the plants occasionally as they grow, to keep them free from insects. When in bloom an occasional watering with weak manure water will be found beneficial. If the water is too strong it will cause the buds to drop.

Non-blooming Geraniums.—The older stocks of Geraniums are generally free-blooming, but lack vitality, and the trusses of bloom are mostly small as well as the flowers. They should be used to plant out in summer as a background, or where the plants will not be prominent, as they are often unsightly in appearance. They should not be expected to bloom in the house in the winter. At that season they should be kept in a rather cool room or well-ventilated cellar, where they will receive some light, watering them sparingly. For winter-blooming, young, thrifty plants of free-blooming sorts should be raised in summer, being shifted into larger pots as they grow and encouraged to develop into bushy specimens. Such plants will bloom abundantly in winter in windows with a southern exposure, the temperature being moderately warm and moist.

NORFOLK ISLAND PINE.

ARUARIA excelsa is generally known as Norfolk Island Pine. It is one of the most graceful and beautiful of coniferous plants, and is much used as a decorative plant when in a small state. In its native place it is a tree, attaining the height of from 50 to 100 feet. It is propagated either from seeds or cuttings, the latter method being adopted where but a few specimens are grown. The beauty of the pot specimens is enhanced by the plants being short-jointed. This is secured by giving them plenty of light and growing them in moderate sized pots. They thrive in a rather tenacious clay mixed with sand, good drainage being provided. When the plants are small they should be shifted each spring for three or four years into pots two inches larger, and after that, they should be shifted only once in two or three years. If the larger plants are given an abundance of root-room they will soon become unwieldy, and too large for ordinary room decoration. Plants that become too tall can be cut back to a joint, and the stronger of the new shoots allowed to develop, the others being removed. By this means a plant can be kept within bounds, and in a shapely condition as well. Good drainage is necessary in order to keep the plant in good condition. If the soil is kept wet, it soon becomes sour and soggy.

To Lengthen Stems.—Complaint is often made that the stems of Hyacinths do not develop, the flowers opening in dense clusters at the ground. This is mostly due to a hot, dry atmosphere or to forcing the flowers out prematurely. To develop nice, long spikes on Hyacinths in pots, the bulbs should be obtained early in the season, potted, and kept in a dark, rather warm closet until well-rooted and growth begins. The pots should then be gradually brought to the light, the temperature being from 50 to 70 degrees, and the atmosphere kept moist. If you wish to delay the development of flowers, keep them cool and in a shady place. If you wish to hasten their development, place the pots where the direct rays of the sun will fall upon them. Some persons invert a paper funnel, made of dark paper, over the plants, an opening at the top being allowed to let in light and draw up the stem. This is not needed, however, if the bulbs are well-rooted and the temperature is moist and rather cool, the pots being brought gradually to the light.

Ferns.—When a Fern is doing well and the roots are not over-crowded, the plants should not be repotted in the spring. If the pot is full of roots, however, it is advisable to repot the plant, using a pot two sizes larger than the one in which it was growing. Any good potting compost will be suitable soil. A layer of charcoal lumps covered with a thin layer of sphagnum moss should be placed in the bottom of the pot to secure good drainage.

FOR A SHADY PORCH.

FOR DECORATING the pillars of a porch on the east side of a house which is largely shaded by trees, the common Parlor Ivy will be found an excellent vine. Set the plants out as soon as danger from frost is past. They will soon develop into large vines, graceful in form, and the foliage dark green in color. If a permanent vine is preferred, *Aristolochia siphon* may be used. This vine is covered in early spring with curious, brown, pipe-like flowers, and when these fade, the foliage develops, the leaves being large and semi-tropical in appearance. This vine can be trained along the eaves of the porch or between the pillars. As a screen at the base of the vine nothing will grow better or make more showy foliage than *Caladium esculentum*, known as Elephant's Ear. The tubers can be started in the house and set out when danger from frost is past. Set these three feet apart, and the soil should be raised around them so as to make basins for water, which can thus be freely applied during summer. Plants of *Canna robusta* can be alternated with the *Caladiums* if desired, or placed at the rear. All of these plants delight in partial shade, and will be found very decorative, the foliage being semi-tropical and beautiful.

Hoya.—Complaint is sometimes made that *Hoya* does not bloom. The plant should be grown in a rather sunny window and should not be shifted oftener than is actually necessary. Allow it to become root-bound, and during the resting period water sparingly. When growing, an occasional watering with manure water will be found beneficial. Do not remove the little spurs upon which the flowers develop. These bear the flower clusters every season, simply pushing out a little further after the flowers fade. As a rule the plant blooms more freely in a poor soil than in a rich one. Where the growth is vigorous the plant seems to develop stem and foliage rather than flowers.

Sweet Fern.—*Artemisia annua* is the plant known as Sweet Fern. It grows from three to five feet high, branching freely and is covered with delicate, very fragrant foliage. The flowers appear in autumn as little, yellowish balls at the ends of the branches. It is a very fragrant annual, and easily raised from seeds, which may be sown either in boxes, or out doors where the plants are to grow. The seeds are sold by seedsmen at from three to five-cents per packet.

Fern Insects.—A subscriber from Amsterdam, N. Y., sends samples of Fern leaves, stating that they are affected with insects that sap the life of the fronds. Upon examination of the specimens no insects could be found, but the spores or seeds of the plant were present, which were probably thought to be insects. After fruiting, the frond will die, but new fronds will take the place of those removed.

SEGO LILY.

DURING the month of October I received a letter from Mr. G. Haagen with reference to the Segó Lily, which, I understand, is the State flower of Utah. At the same time he sent me a number of bulbs of the Lily, and a description of the flower. On Nov. 2d I received another letter concerning the Lily, which reads as follows:

Mr. Editor:—I am enclosing to you a postal card showing a picture of the Segó Lily. I am trying to get the flowers in larger sizes, and have planted some of the bulbs in an Iris bed, some in a shady place, and others in various soils and exposures to sun and shade. I find that those growing close to springs or streams, in gopher mounds, or other places where there is any change from the hard soil they usually grow in, are of finer colors, better size and more prolific in bloom than those growing without any attention. In this State, the flower can be had for the picking, if anyone is willing to go into the hills for them. I have seen them growing by the millions in acre lots.—G. Haagen, Salt Lake City, Utah, Nov. 1, 1913.



The Segó Lily, as will be noticed from the little pen sketch, is a species of *Calochortus*, in California known as Mariposa Tulip. It is very attractive, and is worthy to be known as the State flower of a progressive commonwealth. It delights in a sandy, well-drained soil, and the failure to grow the flowers successfully in the Eastern States, is mostly due to lack of these conditions.

Grafting.—Grafting of Roses, shrubs and trees is done early in the spring, before the buds become much swollen. The scions are often taken in autumn and buried in soil until grafting time in spring. When so taken, they are more liable to start. In grafting, saw off a branch that is one-half inch or larger in diameter, split it, and having your scions sharpened wedge-shaped, using a sharp knife, set one on each side of the stock, so that the inner edges of the bark will just meet. In order that the scions may be carefully set use a little wedge in the center of the stock to hold it open until the scions are set, then remove it. After this is done envelope the surface of the stock with grafting wax, which is made by heating linseed oil and beeswax with a little resin together, forming a soft, pliable material that can be readily applied to protect the stock from air and rain. There are many other methods of grafting, but this is one in general use.

Imantophyllum miniatum.—This plant is sometimes known as *Clivia*. It grows from a fleshy root, and has broad, strap-like leaves similar to *Amaryllis*. It is easily grown, and blooms every spring with ordinary care. The flowers are produced at the summit of a strong scape, and are similar to *Amaryllis Johnsonii* in shape, but the flowers are orange-scarlet, beautiful and showy. Propagation is effected by division of the roots.

COBÆA SCANDENS.**AMARYLLIS JOHNSONII.**

THIS IS a beautiful annual vine of easy culture. The seeds are thin and in planting should be set on edge, the soil being kept moist but not wet until the plants appear. Shift the plants into larger pots as they grow, to encourage root-development and prevent them from becoming unwieldy in size before planting out. As soon as danger from frost is past set them where you wish them to climb, and they will soon astonish you by their vigorous growth. A single vine will reach the height of thirty or forty feet in one season, branching and covering considerable space. A string support is all that is needed. The plants are perennial, and do well if lifted and repotted in autumn and placed in a cool room or window. They will keep over winter at a north window, where they have only indirect sunlight. In spring the plants may again be bedded out. Propagation is effected from cuttings as well as from seeds, but the seeds are so easily started and seedlings grow so fast and bloom so well that it is better to start them from seeds.



COBÆA SCANDENS.

Pinks.—A sister in New York has several "Pinks" (probably Carnations) in her window, but they do not bloom. She wants to know the reason. Pinks require a sunny situation, and to have plants bloom in winter, start cuttings in sand early in spring, and bed in a sunny place throughout the summer. Keep the sprouts pinched off, if any shoot up, and cultivate the soil well. Pot the plants early in autumn, so that they will become well established before they are placed in the window. Plants may also be propagated from seeds, and seedling plants of such varieties as Margaret Carnation and Chabaud Carnation are more likely to succeed with the amateur than the Carnations grown by florists. Even the border Carnations, if started early in spring, are almost sure to bloom freely during the following autumn and winter. It is almost useless, however, to attempt to grow Carnations in a sunless window. The window must have sunny exposure, as Carnations will do no good without an abundance of direct sunlight.

Ilex—Holly.—The American Holly, *Ilex Opaca*, is hardy, and likes a rather dry situation. It is a beautiful evergreen, easily propagated from seeds, but the seeds are often tardy in germination, and remain dormant in the soil for a year or more before starting. The seeds may be sown in the spring, or plants may be obtained from nurserymen and planted in the spring. They should be somewhat protected from the hot sun, at least until they become established in the soil and attain some height.

WHEN *Amaryllis Johnsonii* is grown in a pot, the bulbs should be started into growth about mid-winter. A large bulb should occupy a six-inch pot, the neck of the bulb protruding above the soil. Use sandy soil, enriched with well-decayed manure; water freely while blooming, and continue the supply until the foliage is well-developed.



AMARYLLIS FLOWERS.

Water can then be partially withheld, and the plant allowed to dry off. Keep in a cool cellar during summer, and do not apply water. Thus treated the plant should bloom every winter. If preferred, however, the rest can be given during winter and the plant kept in a growing condition during summer. Under this treatment, the flowers will appear during summer. An important requirement in the culture of *Amaryllis* is to thoroughly ripen the bulbs. Some growers recommend drying the bulbs off, keeping them dry until the flower-buds begin to push out at the top of the bulb, then begin watering. This treatment they claim, is sure to give satisfactory results. The amateur florist, however, can try different methods, and adopt whichever is most suitable or satisfactory.

Moss Roses.—A subscriber in Louisiana has the white Moss Rose, *Mousseline*, which is three years old and has not bloomed yet. She wants to know what treatment to give it. As a rule, Moss Roses like a sunny situation and rather strong soil. Bone-dust or bone-meal is, perhaps, the best fertilizer that can be given. Stir the soil in spring and mulch it with coal ashes, but do not prune the tops more than to cut away the dead wood.

Narcissus Buds Blasting.—When buds of Chinese Sacred Lilies and other *Narcissus* blast, it is mostly due to the bulbs being insufficiently rooted, or the atmosphere too warm and dry. If grown entirely in the absence of direct sunlight, the buds are also likely to blast. Knowing the cause, the remedy is apparent.

Forget-me-not.—The wild Forget-me-not found along streams can be transplanted to the garden, if the conditions are favorable. The plant likes a moist, rather cool temperature and partial shade. It should not be allowed to suffer for want of water.

THE BRANCHING ASTERS.

THERE IS a late-blooming race of double Asters which has become very popular in America, because of the large, long-stemmed flowers and the free blooming character of the plants. They are called the Branching Asters because the plants branch early and freely. The flowers are borne about two feet above the ground, the stems being long and strong, which adapts them well for cutting purposes. For this reason florists grow them by the acre to supply cut flowers for the city markets late in autumn. The flow-

beneficial to the plants and destructive to the pest. In autumn the Black Beetle, sometimes called Aster Beetle, is injurious to the buds and flowers. To overcome this, the plants are sprayed with arsenate of lead, the proportion being one ounce to five gallons of water. When the plants begin to shoot up their flower-stems, a dressing of stable litter is found very useful in keeping the soil moist and cool, which promotes the free and full development of the flowers.

In a rich, sunny bed, under favorable conditions, the Branching Aster makes a fine display in the garden or on the lawn. The large,



FLOWERS OF DOUBLE BRANCHING ASTER.

ers come in all the choice colors, as white, blue, pink, lavender, rose and crimson.

These handsome Asters are easily raised from seeds, which can be sown either in boxes in the house, or in a sheltered place out of doors quite early. When large enough the plants are set ten inches apart in a sunny bed and kept well cultivated, the soil being rich, porous and well-drained. As root lice sometimes trouble Aster plants, the ground is often prepared in the fall, some lime being mixed with it, and a dressing of tobacco stems placed upon the surface. Both of these materials are

showy, long-stemmed flowers blooming in masses have a graceful appearance as they wave in the autumn breeze, and attract great attention because of their delicate texture and rich color. In general appearance the plants are not unlike the old-fashioned single China Aster, grown by our grandmothers, but the flowers, instead of being single, as they were in our grandmothers' days, are now double to the center, and of larger size and more varied colors. This race of Asters is one of the most desirable for general cultivation, and one of the easiest to grow. It is worthy of all the attention it receives.

EDITORIAL LETTER.

MY DEAR FRIENDS:—Many of you have experienced the pleasure of visiting greenhouses full of growing and blooming plants in winter, when all without is cold and cheerless. So I want you to come and enjoy with me, this gloomy February day, a visit to the La Park greenhouses. These houses are all in one block without partition, and when you enter you can see at a glance the more attractive sections, though the hun-

strong water-proof mailing tube and addressed, when it is ready for the postoffice. But this description is only preliminary. What I wish you particularly to see is the large collection of plants, so attractive and interesting to the window gardener.

As we stand at the entrance probably one of the first things you will ask me will be with reference to the vines at the distant right corner covered with clusters of exquisite, showy, lavender-blue flowers, the foliage being dark green, pointed and graceful, the vine climbing upon a string support almost to the



FLOWER OF THUNBERGIA GRANDIFLORA.

comb of the room. It is *Thunbergia grandiflora*. I have often mentioned the beauty of this vine in previous notes, but as you see it today in all its glory, my praise of it would seem altogether inadequate to express its beauty. It may be said with truth that it is a free-blooming and very beautiful vine. It blooms either in summer or winter. These vines are bedded in the soil on the bench among some Ferns. They have made a vigorous growth, and at every leaf, almost, a cluster of flowers appears. The buds do not all open at once, so the display is continued. In the South, where there are but few frosts in winter, this vine is unsurpassed as a pillar vine, or for a trellis or summer house. It will grow from fifteen to twenty feet in height, and become a mass of bloom every summer. It is mostly grown from cuttings, which are readily started in the spring of the year.

Just beyond these vines are several vines of *Thunbergia odorata*. The flowers are smaller, in form much like *Thunbergia alata*, and of a pure white color. These vines have been



THUNBERGIA GRANDIFLORA VINE.

dreds of varieties of plants, many of them in bloom, can only be known and their beauty sensed by hours of careful observation. We will enter through the packing room. At the right is a large block of pigeon holes in which labels for the many plants are kept, each having a separate apartment. At the left is the long packing room, to which the plants are carried in baskets, each order in a separate basket, with the labels attached. The plants are taken from the pots, the roots enveloped in moist sphagnum moss, wrapped in oiled paper, with directions, and all placed in a



BROWALLIA SPECIOSA.

blooming all winter, and are still showing many flowers.

On the shelf near to these vines you will notice some flats that show a lovely mass of white and yellow and scarlet and pink flowers. These are *Lantanas* of different varieties. They are very floriferous, and bloom freely in the greenhouse in winter, although they are not so well suited for the window garden.

Near us, on another bench, you will notice a block of handsome and showy variegated foliage. That is the *Trailing Coleus*, a plant of exquisite beauty, suitable for a pot or a hanging basket, or for growing in a bed outdoors during summer. It is of easy culture and very attractive, the large leaves being of a light green, exquisitely zoned with pink, cream and chocolate. This fine *Coleus* is but little known, although one of the most useful and beautiful of the *Coleus* family.

Near us, to the right, is a flat containing seedling plants of *Poinsettia pulcherrima*. You will notice these plants are in bud and that the bracts surrounding the buds are beginning to change their color, having already a bronzy cast. Have you ever raised *Poinsettia* plants from seeds? If not, you will be surprised to know that the seeds which produced these plants were planted Jan. 4th, not two months ago. The plants are now eight inches or more high, with fine large leaves, and each one shows a cluster of buds at its summit. Thus, if you should start seeds of *Poinsettia* Sep. 1st, you could have the plants in bloom for the holidays. These seedlings were not transplanted, and of course were not stunted or their development retarded.

Beyond the vines described are several plants of *Calceolaria scabiosifolia*. This is an annual of easy culture, the flowers being of a true *Calceolaria* form, of a lovely primrose-yellow color, and freely produced. It is not nearly so showy as the large-flowered hybrid *Calceolarias*, but its ease of culture and free blooming partly offset its modest appearance.

To the left of the *Coleus* are several groups of charming blue flowers, in which I know you are interested. These are of *Browallia speciosa*. The plants are grown from seeds, are easily cared for, and they bloom almost continuously winter and summer. Some years ago, when I was in Paris, this *Browallia* was

a novelty, and I was shown a houseful of it in full bloom. I shall never forget the beauty of that house of *Browallia speciosa*. This *Browallia* is really a desirable flower for the window garden, and I cheerfully recommend it.

Not far from the *Browallia* you will notice a group of plants with masses of scarlet berries in racemes. This is *Rivina humilis*, a pot plant desirable for the showiness of its many racemes of fruit. The flowers are insignificant, but the long fruit-clusters hang on for many weeks. The plants are readily propagated from seeds.

At the distant corner, to the left, is a big plant of *Brugmansia suaveolens*. This is usually in bloom in winter as well as in summer, but is now branching and growing, as the tips were taken for cuttings, in order to give it a less straggling form. The big, fragrant, drooping

trumpets of this plant never fail to elicit admiration and praise. Bedded out in summer in a place protected from the west winds, it will branch and become a beautiful plant, bearing an abundance of superb flowers.

The shrubby vine near to this plant is *Bougainvillea glabra*. It is a very desirable vine for the distant South, where it is sometimes employed as a hedge plant, because of its thorny character. In Mexico I once saw a specimen of this vine reaching to the second story window, which was a glorious mass of flowers. It was then new to me, and was the subject of enthusiastic admiration. See engraving.



BOUGAINVILLEA GLABRA.

The two big shrubs to the left, along the greenhouse border, are *Habrothamnus elegans*, with drooping carmine clusters, and *Senecio petasites*, with panicles of yellow bloom. These plants are sure to bloom in winter, and should be better known.

I wish I could take you through all of the walks and tell you about the hundreds of other flowers in which you would be interested, but this, of course, I cannot do. I trust, however, that we have seen enough to awaken an interest in the more desirable of window plants now in bloom, and that you will secure some of them for your own window garden and enjoy them personally; for what we claim as our own personal property is generally a source of more pleasure than that derived from what is owned by another.

Sincerely your friend,
La Park, Pa., Feb. 27, 1913. The Editor.

CHILDREN'S LETTER



Y DEAR CHILDREN:—The little birds that have been spending the winter in the South are again returning to cheer us with their sweet songs and assist us in our garden work by destroying the multitude of insects that infest and ruin our plants. Shall we not give them a cordial welcome? We can do this by providing nesting places for them. Where there are clumps of shrubbery, draw several tops together and tie them, so as to make a thicket for a nest. The Willows and Alders and Hazels can be thus treated, and each clump



NESTING PLACES FOR BIRDS.

will provide places for several nests. About the lawn such shrubs as Spireas, Deutzias, Weigelas, Philadelphus and Roses may be thus utilized. Even the limbs of shade trees may be bunched to form nesting places. This way of providing nesting places for birds is used in



HOUSE WREN.

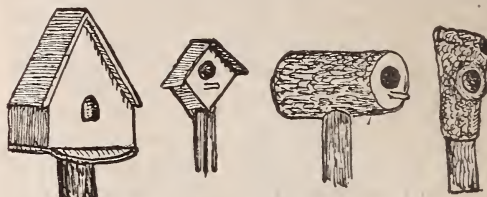


BIRD HOUSE.

Germany, where it has found much favor. I have not heard of its practical use in this country, although it has been recommended.

Such birds as require an enclosure for their

nests may be provided with boxes. The house Wrens are especially attracted by this means. The box need not be large, and the door or entrance should be made with an auger $1\frac{1}{2}$ inches in diameter, not larger. This entrance is large enough for the Wren, and will prevent access by the English Sparrow, which will take possession if the door is larger. For Woodpeckers and Bluebirds a hole three inches



DIFFERENT STYLES OF BIRD BOXES.

in diameter can be excavated from the base of a stick a foot long, the top being left intact. This hole can be plugged or a piece of board nailed over it, and an entrance from the side provided $2\frac{1}{2}$ inches in diameter at its upper extremity, being slanted upward to prevent the access of water. For a Bluebird the door may be smaller, say $1\frac{1}{2}$ inches in diameter.

A plot of unmown grasses such as a mixture of Timothy, Orchard Grass and Blue Grass is excellent for Meadow Larks and ground-nesting Song Sparrows. But this provision should never be allowed where there are cats, as these animals as a rule roam over such spots hunting for birds, and will destroy the



GROUP OF BARN SWALLOWS.

mother bird before the first brood is hatched, or the mother and young birds both before the brood is matured.

The Martin is a cheerful bird and a very useful one, being a kind of Swallow, and living almost entirely upon insects. It is readily enticed by a rather large box or house with different compartments, placed upon a pole in the open. It does not care for shade. Each room may be eight or nine inches square, with a door three inches high and two inches wide. This box should be put up rather early in the spring, before the birds return from their winter quarters.

Barn Swallows should be encouraged by a circular opening six inches across, made in the gable end of the barn or shed, near the comb. These birds build inside at or near the comb of the roof. If some spikes or wooden pins are put in the rafters to project they will make a holding for the nests, which are largely made of mud or mortar. An old chimney open at the top is just the place for Chimney Swallows, and people should avoid if possible, putting smoke in the chimney during the summer season, while the birds are using it. An old hollow tree with the top broken off is also a good place for Swallows of this character. Do not cut it away. I have seen hundreds of

Swallows emerge in the evening from such a tree or stump.

One of the best nesting places for the little Song Sparrow is a hedge of *Berberis Thunbergi*. The plants are dense, and the branches grow out horizontally and become an impenetrable mass, being thickly set with sharp



BERBERIS.

thorns. This hedge plant is densely clothed with foliage early in spring, and holds it till late in autumn. The English Sparrow is too cautious to enter into the thicket, and such enemies as snakes, cats and squirrels cannot

gain access because of the sharp thorns. A hedge of this *Berberis* is therefore the best nesting place for such birds as the Song Sparrows, while it is unsurpassed as an ornamental and effective fence.

We can encourage the birds by protecting them against their enemies. A collar of sheet iron or tin placed six feet above the ground around a tree will prevent cats from climbing and having access to nests among the branches. If this is not at hand some thorn brush tied around the tree will be equally effective. Cats should never be allowed to roam the fields or gardens at any time, but if they are given this privilege a loud-tinkling bell should be attached to the collar to warn the birds of the enemy's approach. There is no excuse for allowing the cat to roam at large at night.



CAT GUARD.



In winter it is wicked and cruel to turn the poor dumb animal out to suffer cold and hunger at night, and those who do ought to be treated with by the Society for Prevention of Cruelty to Animals. In the summer it is equally cruel,

because of the suffering and death of our song birds caused by the roaming cat.

The boys upon a farm rarely trouble birds. They know them better, and find pleasure in listening to their songs and studying their habits. But the village boy with a gun often does great damage. Most of the States now have severe bird laws, and any boy caught destroying birds should be made to suffer the penalty. It would be an object lesson to all boys in the community that would be effective in preventing bird-slaughter. The Red or Pine Squirrel is also a serious enemy. It can reach any nest in a tree or bush, and will often destroy in their vicinity all the eggs and young, and even the old birds. They are interesting little creatures, and it seems almost cruel to shoot them, but that is about the only way that the birds can be protected against them.

Perhaps the worst enemy of our song birds,

however, is the English Sparrow. They are hard to conquer, for they are increasing very rapidly in numbers, and will eventually take the land, having practically driven all other birds out. They breed about eight months of the year, and when our song birds return from the South they find these Sparrows in full possession of their enclosed nesting places, if they can reach them. These Sparrows destroy the nests, eggs and young of other birds; they follow them around and worry them by their persistent presence; they destroy but few insects, their food being chiefly grain, seeds of various kinds, spring buds and young garden plants. They have no song, but utter a harsh, rasping note that is anything but pleasant to the ear. They nest in protected places, as the eaves of houses, spouting, holes in a wall, or other places that cannot be molested by enemies. They are so cautious it is even hard to get a shot at them. Some people suggest destroying their nests and shutting up holes and nesting places. Shooting, trapping and poisoning the pest have been recommended, but still they increase. A bounty of a cent or two per head has been offered in some places. This



SOME SONG BIRDS.

is perhaps the best method, but many Song Sparrows are destroyed by those who do not know the difference between Song Sparrows and English Sparrows. As a rule, English Sparrows flock together more or less, while Song Sparrows are mostly alone. Never kill a Sparrow that is alone is a good rule to adopt.

Some people find fault with our song birds for eating fruit. To keep the birds away tie a stuffed cat-skin with shining button eyes, at the tip of a long, slender pole that will recurve by the weight and bob and swing in the wind. This can also be used in the Strawberry patch, or a live cat can be collared and the string attached to a ring upon a wire stretched across the patch. The cat scares the birds. A good protection, too, is to plant a few Russian Mulberry trees nearby. These grow fast, bear early, and soon become large, branching trees laden with sweet berries ripening in succession for many weeks, for which the birds show a great preference.

Let us, my friends, give every encouragement we can to the dear little songsters that find their homes around us, making themselves useful as garden assistants, and cheering us with their delightful songs. Truly Yours,

LaPark, Pa., Feb. 22, 1913. Geo. W. Park.

CHRISTMAS CACTUS.

EPIPHYLLUM truncatum is generally called Christmas Cactus, because it is usually in bloom at Christmas. It is of easy culture. The plant should be grown in a rather small pot for its size, the soil being sand, wood's earth and some well-rotted stable manure. In potting the plants some pieces of broken pots should be placed



CHRISTMAS CACTUS.

in the bottom of the pots, and covered with a thin layer of sphagnum moss, before putting in the soil. A six-inch pot will accommodate quite a large

plant. In summer plunge the pot out doors in a rather sunny situation, and allow Nature to take care of it. In autumn take the plants up and place in a window, watering regularly but not too freely. While the plants are growing vigorously they are not liable to bloom, but when pot-bound the growth is more slow and compact, and the plant often becomes a mass of buds and flowers during the winter.

A House Hydrangea.—Hydrangea Hortensis, generally seen in bloom in pots at Easter, is not hardy at the North, and is often called House Hydrangea. Young plants, propagated in spring, are kept growing in pots until autumn, then they are set away in a frost-proof place, sparingly watered, until they have had several weeks of rest. When they are brought to the plant window, the top should be cut back to within three or four buds of the ground, the soil watered and the temperature kept moist and warm. Under these conditions sprouts will soon push out which will develop clusters of bloom. The soil should be a turfy loam mixed with sand, and well drained. They will do well in shade, but need direct sunlight to bring the plants into bloom.

Ferns for Fern Dishes.—It is common to use a mixture of small growing or young Ferns for Fern dishes. As a rule, however, a better effect can be obtained by planting such Ferns as Scottii and Amerpohlii. The former has dwarf and compact foliage, of a rich green color, but not finely cut. The latter is also of compact form, but the fronds are delicately formed and lace-like in appearance. A dish of either of these Ferns is very attractive and much admired.

Coleus.—When Coleus plants blacken and drop their leaves, it is an indication that they have become chilled. They like an even, warm temperature, and will die gradually if they become chilled.

LILIUM AURATUM.

THIS IS a hardy Lily and can be planted either in the fall or spring. It can also be grown in a pot, but its culture in that way is not recommended. The bulbs are imported from Japan and always do well the first season. After that they are liable to deteriorate unless grown in the open ground under favorable conditions. In pot-



LILIUM AURATUM.

ting, the bulbs should be set at least two inches beneath the soil, as annual bulblets are produced along the stem above the bulb. In planting out set the bulbs about six inches beneath the soil, the soil being sandy, porous and not liable to bake or get hard. The Auratum Lily is so handsome and fragrant that it well repays a little extra care on the part of the cultivator.

Tea Roses in Minnesota.—Tea Roses are not generally hardy in Minnesota, unless given protection in winter. Perhaps the best protection is simply coal ashes applied just after the ground freezes up, and in such quantity as to bury the plant. After applying the ashes, cover with a thick layer of straw or stable litter to avoid severe freezing and also sudden changes of weather, which are often more injurious than severe freezing. The protection should be removed in spring, as soon as danger from severe frosts is past, and when removed, some attention should be given the plants on frosty nights in the way of covering. Coal ashes will not cause mildew or allow an attack of fungus that would rot the buried stems. By such treatment Tea Roses may be grown in our cold northern States.

Lady Washington Geranium from Seeds.—Plants of Lady Washington Geranium may be readily grown from seeds, which will germinate in from two to three weeks. Seedling plants are healthy and produce large flowers.

CARNATIONS FROM SEEDS.

BEAUTIFUL double Carnations can be readily grown from seeds. If started early in spring, plants will generally bloom in autumn, or if the plants are potted in autumn, they will bloom during the winter in the plant window. The first requirement in growing fine Carnations is to get good seeds of a good strain, carefully saved. The seedlings will appear in about five days after the



seeds are sown, and when large enough bed them out in a sunny situation in the garden, pinching out any shoots that may appear during the summer, in order to make the plant stool out and become bushy and spreading. If the

seeds are sown in June, the plants will hardly bloom until the next year. The plants are hardy, and will endure the winter where the climate is not too severe. In the Northern States, however, it is well to give them a protected place, and to shield them from the cold winds and severe frosts. The soil best adapted for Carnations is a rather tenacious loam with good drainage. Some chopped tobacco stems placed over the soil, and syringing the plants occasionally with water, will keep them free from insects. When grown out doors they are not often troubled with enemies.

Brugmansia Suaveolens.—*Brugmansia Suaveolens* is a shrubby plant that branches freely and bears an abundance of flowers throughout the summer. It will often bloom in the winter in a conservatory or greenhouse. The flowers are seven or eight inches long, trumpet shaped, white slightly tinged with lavender, and very fragrant. Plants bedded out at the south side of a wall or a building during the summer generally grow well and bloom freely throughout the season. Lift and pot before frost, and if necessary cut back to suit the winter accommodations. It may be propagated either from seeds or cuttings, the latter method being preferable. A rather tenacious, well-drained soil and sunny situation will develop fine blooming plants.

Leaf Mould.—Leaf mould is simply the humus obtained by placing leaves in a pile and letting them rot, or it may be obtained in the woods where it is ready for use. It generally requires from two to three years for leaves to become thoroughly decayed or rotted. The material is light and porous, and when mixed with sand and loam, equal parts each, it makes a very good porous compost for potted plants.

TREATMENT OF CRINUM.

CRINUM BULBS will grow in any good potting compost, the drainage being secured by a layer of charcoal lumps covered with some sphagnum moss, to keep the soil from obstructing the drainage. A blooming-sized bulb will require a pot eight or nine inches in diameter, and as the bulb becomes larger, it must be shifted into a still larger pot. If off-shoots appear they should be removed early in spring, before growth be-

gins, and at the time the bulb is repotted.

During winter, the pot can be kept in a room having a temperature of from fifty to sixty degrees and sparingly watered, allowing only enough moisture in the soil to prevent the roots from shriveling. When spring comes water can be gradually applied, and growth encouraged by an occasional application of liquid manure. During



CRINUM.

the summer the plants can be given a warm, sunny place, and kept freely watered. They will then develop handsome foliage, and throw up a scape bearing large, *Amaryllis*-like flowers at the summit. Although *Crinum* does not like to be over-potted it is generally crowded into a pot too small for it. The neck of the bulb should extend above the soil, but the roots should not be over-crowded in order to satisfactorily develop foliage and flowers. As winter approaches water must be partially withheld and the plants kept in a semi-dry state.

Fancy Caladiums.—These are delicate tuberous plants easily affected by too much moisture or sudden and severe changes of temperature. The soil should be very sandy

and well drained, applying water sparingly until the tubers are thoroughly rooted. If applied too liberally before growth begins the tuber will make a diminutive growth, and frequently rot. When growing actively the plants will thrive better in a very moist soil, a warm, moist temperature and partial shade. Avoid drafts of wind which will injure the beautiful foliage.



FANCY CALADIUM.

Mignonette Pest.—A "worm" sometimes destroys the foliage of *Mignonette*, and ruins its beauty. It can be readily destroyed by syringing with arsenate of lead, using one ounce of the material to five gallons of water. This spray will also destroy any leaf-eating pest, and will not injure the foliage.

GLADIOLUS.

BEFORE ME, as I write, is a large vase, containing twelve large stalks of Gladiolus, no two alike. One is a very dark red, with a purple cast to it; one crimson; two scarlet, one dark, the other flaming; one pale pink, streaked and striped with cream and red; one salmon pink, with dark red throat; one a clear yellow, with red throat and markings; and five light colored ones, or white all streaked with red, but every one different. Mother has in her room two large bunches a little older than these, but no two alike; and in the garden I counted twenty more just coming into bloom, and these are different still. The individual flowers are all two inches across, and from twelve to fifteen on a stalk. It is now Aug. 20, and for over two weeks I have had a couple of big bunches



in the house, and such shades and colors and combinations I never saw, and all this wealth of bloom from mixed bulbs at \$2.50 to \$3.50 per hundred. I put in over 400 bulbs. Some I have had for years, the others I bought new last year and this. The varieties are Childsii, Groff's Hybrids and Silver Trophy strains, from different florists. Those who only know the old-fashioned, small-flowered variety, should in

vest in twenty-five or fifty of these new ones. Another year they will buy a hundred. I think for a cut flower they have no equal, their lasting qualities are such; I let the fourth flower open, for by then all the buds are showing color. By giving new water every day, and picking off the old ones, every bud will open. I usually add a few new ones every day, but the stalks now on my table were all picked yesterday, and they compose, without exception, the handsomest collection I ever saw in my life. The bulbs took first premium at our State Fair last year, and well they deserved it. I registered a vow then and there to have some like them this year.

Of course culture has something to do with it. The ground in which they grow was a vegetable garden for fifty years, and is a very rich, sandy loam. The weeds got to be something awful, so it was seeded down to grass for three years. I never saw such grass and hay as it grew. Last year it was ploughed, and planted to corn. This year it was again ploughed, and thoroughly put in order. My husband believes in thoroughly preparing ground before planting. I tell him he works a piece of ground until other people would plant it, then he begins all over again, which is really true. The bulbs were planted early in May, set four inches deep so they require no staking, and except for keeping down the

weeds and hoeing a couple of times have had no other care. It was very, very dry, and they had no watering, but the soil was always loose, and they grew; and, since the rains have come, have grown like weeds. I shall have them for weeks yet, and as they are so early I look for a splendid lot of bulbs when the time comes to gather them. A late-blooming Gladiolus cannot produce a big sound bulb. For this reason I always plant mine as early as I can. I bought different sized bulbs, Nos. 1, 2 and 3. The last named were only 60 cents a hundred. I think every bulb is going to blossom, and I can see no difference between Nos. 1 and 2 in the flowers. Sometimes the choicest color will have a small bulb, so do not waste your little bulbs.

Mrs. E. B. Munny.

Saratoga Co., N. Y., Aug. 20, 1912.

Cannas from Seeds.—I bought two packets of Canna seeds, Dwarf and Tall, and treated the seeds in this way: I took a sharp knife and cut a small hole in the outer shell of each seed, then dropped the seeds in a cup of warm, not hot, water, and let them soak for twelve hours. Then I took them out and planted them in a box of soil I had prepared for them, and, would you believe! in just eight days 16 small Cannas gladdened my eyes. Today these Cannas are resplendent with bloom, and not only that there, are six times as many as there were seeds, and show a dozen different varieties, plain and variegated. For the amateur flower-grower I certainly recommend Cannas.

Delos Phinney.

Woods Co., Okla., Oct. 11, 1912.

The Petunia.—I find the Petunia to be one of the most satisfactory plants ever grown, for several reasons: It is a free and long bloomer, bright and fragrant, and is not at all particular as to where it is put, or under what conditions it must live. I always wonder, when sowing the seeds, if those tiny things will really grow; but they come promptly. I have also raised some beautiful double ruffled lavender ones from cuttings stuck in moist sand. They are very slow in starting, but are many times worth the effort in the lovely, fragrant blooms that follow. Here in Southern California Petunias are perennials, besides self-seeders, so when once started they are always with us.

Mrs. A. M. Shaw.

Orange Co., Calif., Nov. 21, 1912.

Nasturtiums.—I always have good luck with Nasturtiums. This year I planted them as early as the ground would permit, in a trench along the garden fence. The ground was rich and the vines clung to the fence and made a gorgeous show. I always pick off a lot of leaves where they seem too thick, or any that show yellow. This seems to encourage more blossoms. The leaves are fine to flavor pickles and will keep the vinegar from molding.

Nellie Wright.

Sullivan Co., N. Y., Dec. 6, 1912.

ABOUT IRIS.

I WOULD LIKE to tell the Floral sisters how well pleased I am with an exchange I put in Park's Floral Magazine for Iris two years ago. I received about two hundred Iris roots, and they all grew and bloomed. There was quite a variety of colors, ranging from pure white to dark blue, besides many other shades of colors. Most of them were of the German varieties, and as hardy as an Oak.

They will bloom in common garden soil, but sometimes become too crowded to bloom well, then I take them up and divide them, and make a larger bed, or exchange them for other colors, or some other plants.

I have three large beds of German Iris, and borders of the small Iris, and a large



GERMAN IRIS.

clump of the native Iris that grows here. They are not like the German Iris. They grow three feet tall and bloom later than the German Iris, having from six to twelve blooms on one flower-stalk. The flower is something like the Spanish Iris, and is lavender in color, with blue veins, and have a touch of yellow near the center. They are very hardy.

Miss Minnie Ratliff.

Lorimor, Iowa, Nov. 21, 1912.

Stocks.—The Ten Weeks Stock is one of the most beautiful flowers I have ever raised. It is very easily grown. The large clusters of beautiful waxy flowers remain in bloom many days. It does well in sun or shade, but requires plenty of moisture to do its best. In our grandmothers' days it was known as Gillyflower. I start the seeds in boxes in April, and transplant to the garden in May. In a few weeks the plants are covered with a wonderful wealth of bloom, which continues after heavy frost. One fall I took up a box of the plants and gave them to a flower-loving friend. They continued to bloom profusely in her window all winter, and also in her garden the following summer.

Mrs. Estelle Gould.

Penobscot Co., Me.

Geraniums.—In the spring I got a dozen of the choicest plants of Geraniums, both single and double, and Geranium Heterantha is the one I will tell you about. I always put in the bottom of each pot from one to two inches of charcoal to act as drainage, then put a little layer of grass or leaves to keep the dirt from mixing with the charcoal, and finish by filling the pot with barnyard compost. Now, on the plant of Geranium Heterantha alone I counted just thirty-two different bunches of bloom. It was certainly gorgeous.

Delos Phinney.

Woods Co., Okla., Oct. 11, 1912.

MONEY FROM SWEET PEAS.

AS THE children for several years have been growing Sweet Peas for the Boston market, I will write of their experience. In the winter, when the stove wood is cut, the tops of Birches are saved for Pea brush. Early in spring the men prepare the ground, plant the seed, set the brush, and cultivate and care for the growing vines. Four colors are planted—white, pink, red and lavender—two rows across the field, running east and west and each color by itself.

They begin to bloom in July, and keep it up until September. Every afternoon at four o'clock the girls pick the blossoms, one hundred stems in a bunch of one solid color; each bunch is tied with a string. Their market expects fifteen bunches from them each day. When gathered the bunches are taken to a cool cellar, and the stems set in pans of water. Next morning the bunches of Sweet Peas are put in boxes, covered with field Ferns, tied



SWEET PEAS.

and tagged ready for shipping. It is the high school girl's part every morning to take the box to the Boston and Albany express car, and see that it is put on the car. This gives her a fifteen minute trolley-car ride. The children get ten cents a bunch, and they make \$50.00 a season in this way. In growing Sweet Peas there are many fine flowers, but with the stems too short for Boston trade. These are sold in the home town for less, while many more are given to the sick and to friends in and out of town.

One lady visiting the garden the last of the season was told to pick all the Sweet Peas she wanted. Gathering a handful she said, "I never before had so big a bunch, and I shall be the envy of everyone on the car."

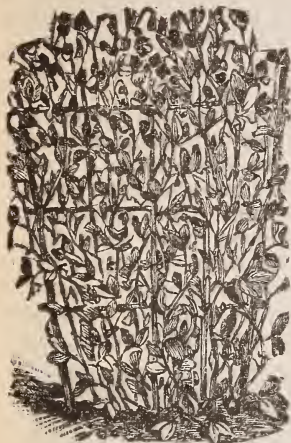
One year, after the Sweet Peas were gone, Auntie thought she would sell the Asters. Three hundred plants were set out, and the women did the work, except tending the seedlings in the cold frames. The Aster bed paid, but the children were going to school, so Auntie did not think it advisable to try them another year. Flowers that come in vacation are more profitable for children.

Worcester Co., Mass., Feb. 17, 1913.

[Note.—Practical articles, such as the above, on growing and marketing flowers, are interesting to many readers, and I invite correspondence upon this subject.—Ed.]

SWEET PEAS IN THE WEST.

LAST SUMMER when in Western Nebraska I had such lovely Sweet Peas. I planted them just inside the woven wire garden fence, in a ditch about eight inches deep (that's deeper than I plant here in Iowa), and covered about three inches deep.



SWEET PEAS.

They soon came up, and I kept filling in the dirt as they grew till the ditch was full. As there was a sod of Buffalo-grass just outside the fence, I dug it up, fearing it would take the moisture too much. Outside the fence I made a ditch and put in it a half-bushel of cleanings from the hen-house. Into this ditch also, the suds was poured on wash-day, and other waste water during the week, and, my! the blossoms I did have—so many, so large, and such bright colors. I cut almost bushels of blossoms from the middle of June till September, when I allowed the seeds to ripen. There were still a few flowers after the frost had cut down most of the other flowers. I used to send huge bunches of them to a sick lady from the East, who was in the last stage of consumption, and as she had none of the comforts of the old home, how she did appreciate them. Many of the ladies there would say to me "Why, can you raise Sweet Peas out here?" Yes, indeed, and much easier than in the East. Be sure and keep the soil free from weeds, that's about all, if you just try them. Mrs. Addie Myers.

Murray, Iowa, Jan, 23, 1913.

Rosa Rubiginosa from Seeds.

I hope those who are looking for something unusual in shrubs for hedges will try *Rosa Rubiginosa* or Sweetbrier, as they are easily raised from seeds. I planted some last fall and they came up in the spring and are now about a foot tall. They have such deliciously scented foliage, and will be beautiful when covered with the pink blossoms or red seed pods.

Mrs. F. Black.

Bay Co., Mich., Nov. 15, 1912.

Carnations.—I sowed some Carnation seeds in August, and kept the plants in my pit till spring. There were four different colors. The flowers were as large as those raised by a florist. I pinched the plants back until they were quite bushy. When in bloom they were lovely and the admiration of all who saw them. Georgia.

Curryville, Ga., Nov. 12, 1912.

MY NURSERY.

LIVING ON a rented place, we did not want to invest any money in shrubbery, etc., yet I often saw plants at the homes of my friends which I knew I should long to have when we had a house of our own. So I set aside a bit of ground as a nursery, and experimented in the propagation of cuttings, divisions and seeds. I was not always successful, but the results paid a big per cent. on the investment, besides the knowledge gained. And now that we own a home, I have transplanted all of my nursery stock that I wanted, and exchanged the rest with friends for other desirable plants. I shall continue my nursery. Often I see a desirable plant, but cannot learn the name, so that I may order one from the florist, then my nursery secures it for me.

My nursery is laid off in rows, and a number in my nursery book corresponds to a certain plant in a row. Plants requiring glass protection are covered with half-gallon fruit jars, and winter often finds a big bed of jars in my nursery. I have propagated Roses, Lilacs, Syringas, Hydrangeas, Chrysanthemums, Pinks, and am experimenting with Lily seeds. In this climate our summers are dry and hot, so my nursery is on the north side of some Lilacs. Mrs. Martha K. Craig.

Jasper Co., Mo.

[Note.—The propagation of shrubs and trees from seeds is interesting, and as the seeds may be obtained for a few cents per packet, it seems strange that more persons do not secure a supply of shrubbery and trees in that way. A few are tardy in starting, and the nursery bed should not be disturbed after sowing until two or three years afterwards. Many will come up the first year, some in a few days or weeks, but it is well to give the seeds plenty of time for germination.—Ed.]

Delphiniums or Larkspurs.

My Larkspurs were in bloom unusually long this summer. They came from seed dropped from some I had last summer. When I planted the rest of my seeds in March they were nice-sized plants. I had the soil dug well and loose around them, but did not move them, as they will do no good if they are moved. I had some manure from the cow stable sprinkled around them. Later in the spring I put some fish heads around a Rose bush right near the Delphinium, and the latter's roots reached to this decaying material, which I believed prolonged the season of blooming and made large, limby plants bearing the finest flowers I ever saw, and I have seen many of them.

Carteret Co., N. C.

Mrs. R. Felton.

Balsams.—From a small packet of mixed Balsams last spring I had four plants. They were simply grand. Each one was a different color and was a perfect pillar of double blossoms. Every branch was also loaded with the beautiful Rose-like blooms. I intend to have more of them next summer as they grew so well, not minding the dry weather and neglect.

Mrs. Samuel Yarnes.

Chenango Co., N. Y.

GIVE THE CHILDREN FLOWERS.

DEAR SISTERS, if you don't have time, or think you don't, to raise a few flowers, do get the children some seeds of the easily-raised kinds, such as Zinnias,



BOUQUET OF MIXED
FLOWERS.

Nasturtiums, Pansies, Verbenas, Asters, Moss or Portulaca, and Pinks of any kind or all kinds. Give the children a small garden to plant the seeds in, and caution them not to plant too thick, or let them stand too close in the bed; also to be sure to keep the bed free from weeds. They will then surely have flowers, and once interested in these you will have no trouble to keep them out of mischief. Let them cut the blossoms (they will bloom better for the cutting anyway) and arrange them into bouquets for their little friends or some aged or sick persons. You have no idea, until tried, how much it will help them and you, too, to cultivate a love for the beautiful, and a will to help others.

Mrs. Addie Myers.

Murray, Ia., Jan. 23, 1913.

Calliopsis.—I wish the flower folk could have seen a bed of Calliopsis I had this year. I wanted something that came quickly, was hardy and made a show. All this, and more, I



CALLIOPSIS.

found in my bed of Calliopsis. People who passed would stop and inquire what those golden and brown flowers were. When the wind blew they moved back and forth like a swarm of golden butterflies. When they began

to form I cut them off, and they came out again as bright as ever. I had flowers from early summer until the plants were killed by frost. As the plants come up every year from the fallen seeds a bed once started will take care of itself. Mrs. H. C. Gordon.

Dewitt, Tex., Oct. 8, 1912.

Chrysanthemum Culture.—I dug a trench 18 inches deep and filled it with a rich compost. In this I planted the Chrysanthemum plants I purchased from the florist. Well, they certainly enjoyed the soil as a hungry man does a good dinner, for the way they grew was marvelous. I always keep my Chrysanthemums well watered, and never under any conditions let the plants stop growing. You can stunt plants as well as pigs.

Delos Phinney.

Woods Co., Okla., Oct. 11, 1912.

FLOWERS OF SPRING.

FLOWERS of spring! What a wealth these words conjure up for the imagination! Hope depending on life awaits patiently the reality. What a picture to look upon—a meadow, or sloping hillside or tree-sheltered nook, with happy children among the grasses and blossoms; with roses on their cheeks, and flowers in their hands! The springtime of life in the spring of the year. In our own childhood, with its outlook upon the future, upon hope's fanciful scenes of uncertainty, did we know of anything fairer?

And each returning spring, how blessed the privilege allowed of viewing another fair and flowery prospect! When the land profusely adorned renews the freshness of youth; when the icicles have vanished from the sloping eaves, and snow banks that perhaps have lingered long as if reluctant to depart, have evacuated the premises—then, gladly, we watch for the first faint signs of returning life, returning so softly, so cautiously, as if fearful of still finding the enemy in possession.

Spring coaxes good old Mother Earth for blossom and leaf, growth, color and fragrance. Obtaining them we all share in her prosperity. It may be that we assist in the coaxing by a systematic preparation for the arrival of a few floral visitors ourselves, by diligent pains-taking, spading, raking, seed-sowing and bulb-setting, probably in some favorite sheltered garden spot, or sunny bed before the door.

Such acts of welcome will be appreciated later on by the repaying beauty of a graceful presence. To every passer-by they will speak and bear witness of what you have done. Old people, staid and sober, and the young with light hearts and bright eyes, will think of you as they gaze, and thus hold you in sweet connection with the season—one of those who have lessened sadness and increased happiness. Flower-scents, by sweetening the winds over far spaces, send a wireless message to insect, bee and humming-bird that eagerly do they answer; a message saying winter—cold, and stern and rough, that swayed the world so long and severely, has been dispossessed, now come unto your own.

And when night falls, hiding the earth from sight then we turn to the page that speaks of flowers. If some hint of the day's attractiveness be continued there, spring is added to thereby. For does not the pen bring it to the page in flowers of thought, the happy growth of inspiration, and reproduces it in many a natural likeness, converting a space that, like the world, e'er God created life, lay a barren surface, into a garden of delight.

John R. Tooker.

Suffolk Co., N. Y., Jan. 23, 1913.

Sweet Alyssum.—The past summer my Alyssum was just grand. I planted it in a big stone vase out in the yard and it was a mass of green and white throughout the season. Now, November 23d, it is just as pretty as ever.

Mrs. L. M. Klutz.

Henry Co., Mo., Nov. 23, 1912.

FLORAL POETRY.

THE LITTLE VINE-CLAD COTTAGE.

There's a little vine-clad cottage
In a village far away,
Where the Roses shed their perfume,
And the birds sing blythe and gay;
Where the green hills bathe in sunshine
In the early morning light,
And where Morning Glory blossoms
Burst a-bloom each day so bright.

In my memory there's a picture
Of this cottage 'mid the flowers,
Where in by-gone years with loved ones
I've spent many happy hours,
With my father and my mother,
Brother, sisters, all so gay,
Oh! I'm longing now to see them
In the village far away.

Now I seem to hear them calling
As I did in days of yore,
And their voices seem entrhralling
'Mid the din of cities' roar.
Oh! I long for just one moment
'Neath the Maple trees to play,
In the yard by that dear cottage,
In the village far away.

There's a peaceful, restful feeling
When the stars at close of day,
Peer from sky so blue, and stealing
'Cross the lawn their shadows lay.
And my hand would rest in mother's
As we'd sit 'neath moon's clear ray,
On the porch of that vine-clad cottage
In the village far away.

Mrs. Blanche Cummins Patterson.
Chattanooga, Tenn., Jan. 28, 1913.

A HERO.

The March wind comes with a roar,
Slaps the window, and bangs the door,
And battles with old King Frost,
Till his grip on the ice is lost,

Turns the key of the forest roots,
And up the tree the life then shoots.
He breathes all over the ground
And shakes the fairies all around.

Then the buds that've been asleep,
Out from their homes do peep,
To greet the beautiful spring
And at her feet their beauties fling.

Then blow, brave old March wind, blow.
"The winds are His," we all do know.
We learn a lesson, too, from thee,
To do our work as faithfully.

Centerville, Ind.

Mrs. T. C. Eliason.

EASTER BELLS.

Ring, sweet bells! O what a pleasure
List'n'ing to your tuneful measure;
Blending your voices in sweet accord,
In praises to the risen Lord,
In praises to the Lord.

Columbus, O., Feb. 7, 1913.

Lizzie Mowen.

THE HAND THAT IS TRUE.

Give me the hand that is warm, kind and ready,
Give me the hand that is true, calm and steady,
Give me the hand that will not deceive me,
Give me the grasp that I may believe thee.

Soft is the palm of the delicate woman,
Hard is the palm of the tough, sturdy yeoman,
Soft hand or hard hand, it matters not never,
Give me the grasp that is friendly forever.

Give me the hand that is true to a brother,
Give me the hand that has harmed not another,
Give me the hand that has never foresworn it,
Give me the hand that I may adore it.

Lovely the hand of the blue veined maiden,
Homely the hand of the workman o'erladen,
Lovely or homely it matters not never,
Give me the hand that is friendly forever.

Give me the grasp that is honest and hearty,
Free as the breeze and untrammelled by party,
Let friend still give me the grasp that becomes her,
Close as the twine of the vines of the summer.

Give me the hand that is true to a brother,
Give me the hand that has wronged not another,
Soft palm or hard hand it matters not never,
Give me the hand that is friendly forever.

Zella Woods.

Mr. Editor:—I have been reading your Magazine for two years or more, and enjoy the poetry ever so much. Here are some verses by Zella Woods that I think are grand. She had written a letter, then added these words, therefore there was no subject, but I think for a subject "The hand that is true," would be appropriate.

Jackson Co., Oreg.

Mrs. Eben P. Batchelder.

SPRING.

O! sweetest of music, the Bluebird's first song,
That we hear when the blooms of the Crocus unfold,
And the Snowdrop, dew-tipped, rises up from the mold,
Both the bird songs and flowers to springtime belong.



Then Oriole comes in a vest black and gold,
And many-hued Tulips, so brilliant and rare!
Oh! spring, with your bird songs and flowers so fair,
We welcome you gladly from stern winter's cold.

Highland Co., O., Feb. 2, 1913. Katie M. Roads.

WINDS OF MARCH.

Oh, winds of March, you whistle so
You make the heart feel sad,
And evergreens are bending low
And moaning, though well clad.

But you may blow if we're content
And filled with love and cheer;
Each day will joyfully be spent,
E'en though some days are drear!

St. Louis, Mo.

Albert E. Vassar.

THE LILY.

Oh, Lily! fair and pure art thou,
As well as delicate and sweet,
And as we pass along life's way
We see thee blooming at our feet.

Ireton, Iowa.

Florence Pierce.

LEOTO.

Sometimes, when the heart is breaking,
 We would look to the forest wild,
 To learn in its mystic splendor,
 The faith of the little child:
 We would read in its wondrous story
 The steadfastness of the years,
 And through the love of the lesson,
 We would smile away our tears.

Leoto, close to the border,
 The spirit land of the past,
 Teach us out of thy wildness,
 The heart stories that shall last;
 For true as the blue of Heaven,
 Long as the love not told,
 Sweet as the sunshine's gladness,
 Come the legends as of old.

Leoto, out of the midnight,
 Under the twinkling stars,
 Hearts meet in the forest wildness,
 Love, knowing naught of bars;
 And the mystic voice of the river,
 The silent rocks on the hill,
 But keepeth the olden story,
 Love, and love ever still.

Leoto, the blossoms quiver,
 Moonlight and shooting star.
 Leoto, down by the river,
 Under the shadows far;
 Fancies and dreams still lead us,
 Hearts glow, but never change,
 And the legends of the forest,
 Knowing, they are not strange.

Leoto, back to the border,
 Teach us the unknown ways,
 Lead us by blossom and story
 All through the summer days;
 Where now the dreamers have vanished,
 Who lived in the long ago,
 Where the spirit land grows to eternal,
 Teach us that we may know.

Leoto, into the future
 Shall the Great Spirit lead us all.
 In the dream land brighter, fairer,
 Shall we know our loved ones all?
 Shall we look far off and loving,
 Shall we ever know our own?
 Leoto, land of the forest,
 Spirit and love alone.

Nellie Fiske Hackett.
 Monroe Co., Wis., Jan. 23, 1913.

1913 IN HASTE.

The March wind came, as if in rage,
 And tore away the written page,
 That Nature try her art again
 As on the lovely morning when—
 The Christ had risen up again.

But April smiled a saucy smile,
 Then waited for a little while,
 And Nature did it all again
 As on that lovely morning when—
 The Christ had risen up again.

White Co., Ind. J. M. Humphrey.

THE MOTHER-CROWN.

The crown of motherhood was mine,
 I wore it as a gift divine,
 Nor dreamed that could the angels say:
 "We need your little girl today."
 The message came, yet through all years
 Her eyes will never know such tears;
 Beyond all grief. God's stars look down,
 Above them waits my mother-crown;
 And there, wherever Heaven may be,
 My little child's face waits for me.

Florida, N. Y. Mrs. Cora A. Matson Dolson.

TO MY FLORAL FRIENDS.

Dear Friends, our barques are gliding fast,
 A-down Life's silent river;
 Sometimes they sail on waters smooth,
 Sometimes they quake and quiver.
 Sometimes the shore is bright with flowers,
 The sky is blue above us;
 Sometimes the sky and flow'rs are hid,
 And none are near who love us.
 But 'mid the sunshine and the clouds,
 Our Pilot stands beside us,
 We cannot stray beyond His care,
 Whatever may betide us.

Though some of you, my floral friends,
 Like me, must soon be sleeping,
 Let's keep our hearts with friendship warm,
 While age is on us creeping.
 God bless our little Magazine,
 And all who read its pages,
 Our Editor, and all his house,
 Through all life's varied stages.
 We may not meet each other here,
 But when we've passed death's portal,
 I hope we'll know each other there,
 Where life and love's immortal.

Ada, Okla., Jan. 14, 1913.

Mary Babb.

FRIENDSHIP'S CHAIN.

So like a ship that sails across the sea,
 Are friendship's ties through all eternity;
 Some sail across those billows white with foam,
 To find the harbor safe, while others sink unknown.

Though every link which forms that precious chain
 Is bound with love, to never give a pain,
 Our lives, so incomplete, its links do sever,
 And passion breaks this precious chain forever.

When some lone day a friend doth ask you, why?
 And yonder floats a silvery cloud in azure sky,
 Then may we link that golden chain anew,
 And try to tread the path of friendship true.

Franklin Co., Mass.

Anna S. Rogers.

MARCH.

Sounds a trumpet o'er the hills,
 At the sound all Nature thrills.
 Vanish snow! Sweet winds blow!
 World-old magic music fills
 Fields and woods and dancing rills,
 Glad wings come and go;
 Now the children of the sod
 Lift shy faces to their God,
 And sweet incense bring;
 Listening with enraptured ear,
 While the trumpet call rings clear:
 "Way! Make way for spring!"

Bolivar, W. Va.

Blanche A. Wheatley.

MARCH WINDS.

The March winds blow their loud, shrill notes,
 O'er hillside, vale and sea;
 And linger in the bare tree tops
 To swing them in their glee.

Then drifting into minor tones,
 Which change to songs more gay,
 As sunbeams with the snowflakes romp,
 Like happy children play.

Columbus, O., Feb. 7, 1913.

Lizzie Mowen.

THE RIVAL.

When Chloe reached to pluck a Rose, her sleeve
 Slipped, showing half her shapely arm;
 Long I gazed entranced, and still believe
 It had for me the greater charm.

Shelbyville, Ind.

Alonzo Rice.

EXPERIENCE WITH PINKS.

WHEN the January number of the Magazine came, I stopped everything, as usual, and read it through. The very first article, "The Chinese Pinks," prompts me to give a bit of my experience. I sent for a five-cent packet of mixed seeds last spring, sowed them in a box of fine soil, and then—well, then an old hen escaped from the poultry yard that same afternoon, and proceeded to make a dust-box of my nicely prepared Pink seed-box. Oh, but she was enjoying it, and giving expression to her enjoyment by delighted little clucks and chirps, as she made the dirt (and seeds) fly in all directions. And I—well I cried, just a little. I'd like to know who wouldn't when she had been having visions of lovely sweet Pinks in that three-cornered bed in the new flower garden. And then I gave expression to my opinion of chickens in general, and that one old hen in



particular, as I chased her back into the poultry yard. (But I do love the biddies, and she was very much shocked and insulted at my unusual behavior). Then I very carefully swept up the scattered dirt and put it back into the seed-box, hoping that I might save a few of those precious seeds, and I did. There were enough plants to fill that three-cornered bed, and they began to bloom about the last of July, and there has never been a day since that I could not get blossoms from that bed.

The winter has been mild, but we have had many heavy frosts, and the ground has been frozen several times, while the bed is unprotected; but even now, the middle of January, there are bright, pretty blossoms, and vigorous plants that give promise of a fine display just as soon as old Jack Frost bids us good-bye. I shall want some more seeds of all kinds of Pinks and Carnations, for I mean to have a long bed in a sheltered place by the porch, and oh, the flowers I think I shall have! And I shall try to keep the poultry yard gate closed.

Leona.

Kemper Co., Miss., Jan. 16, 1913.

PETUNIAS.

SHOULD I EVER have to contract my flower kingdom to only one variety, which I hope I will never have to do, I would choose the Petunia. It has as many varieties of color as any flower we have, from pure white to dark crimson, and some veined, blotched and starred. Plants will bloom in almost any situation, and stand much abuse. They will bloom where the soil is dry and the sun shines on them all day, or will bloom in partial shade. The dwarf varieties make fine pot plants, if pinched back to make them branch.



Miss M. Ratliff.

Lorimor, Ia., Nov. 21, 1912.

Large Balsams.—I will tell you how I raised the largest Balsams I ever saw. I spaded up a bed in the yard where sheep had been running, then put a few wheelbarrow loads of horse manure over the ground and spaded it well in. I then worked the bed in good shape and planted my seeds. At first the plants grew slowly, but I kept pulling the weeds and digging around the plants till they were four inches tall, then they fairly stretched themselves out, and by September they were from three to four feet high, and just as bright and pretty as anything you would wish to see. There was every color imaginable, single, double and semi-double, and such gorgeous flowers. Hereafter I shall always plant Balsams and well manure the bed.

J. B. Flagg.

Woodbury Co., Ia., Nov. 14, 1912.

Heuchera.—If a thrifty clump of Heuchera is taken up early in the fall, and potted in good, rich soil, it makes a very pretty plant for the window in the winter. Its long sprays of coral pink flowers are very dainty. It should be kept moderately moist, more so than Geraniums, and given a sunny window, as it requires sunlight in order to bloom well.



Aunt Hope.

Waymart, Pa.

Seedling Poinsettias.—I started some Poinsettias from seeds. They are in 4-inch pots, and are fine ones that I hope will bloom by Christmas. Seedlings are said to make better plants than those grown from slips, and my experience confirms the statement.

Mrs. W. J. Nesbit.

Fort Pierce, Fla., Oct. 14, 1912.

Introductory Spring Sale

Priced-below-value Offerings in Ladies' Dresses and Suits

Don't Miss this Chance to Get Acquainted

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Lot 1. Here's a noteworthy dress offer that will splendidly illustrate our power to save you money on all your clothes. The dress pictured here shows an unusually pretty style made of excellent quality fine-ribbed **velvety corduroy** in brown, navy blue or black. Tastefully fashioned in one of the season's newest effects and smartly trimmed with dainty all-over lace, a satin scarf, satin pipings, loops and tiny rings. A dress of \$7.50 quality for **\$3.98**

We have only a few hundred of these dresses, so order at once. If we are sold out of this style, we will send you another of equally fine value.

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Order by the cloth desired, giving color and size. If we are out of the suit you order, we will send you the best we have in the color, size and material you want, and we guarantee that you will be delighted with it.

The suits come in sizes 32 to 44 bust; also misses' sizes 14 to 20 years.

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Wide-wale diagonal in black, blue, tan or gray.
Imported English Mohair in black, blue, gray or white.
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Geraniums Losing Leaves.—Mr. Park: Last spring I started some Geraniums from cuttings. They grew to be the most thrifty-looking plants I ever saw. I pinched off the buds all summer, so as to have winter flowers, but when I potted them and brought them into the house, they began to lose their leaves; and all they do now is to make new leaves and lose old ones. They do not bloom. I keep the plants in a north window, as I do not have a sunny one. Why do these plants not thrive, and will they bloom during the coming summer if bedded out?—Mrs. Jones, Kootenai Co., Idaho, Jan. 6, 1913.

Ans.—This sister made a mistake in not growing her cuttings in pots, or at least in not potting them earlier in the season, so that they could have become well established before it was necessary to take them into the house. It would have been far better to grow the plants in pots, shifting into larger ones as they developed. Thus grown they would have made better roots, as the plants grow too liberally in the open ground. To have free-blooming Geranium plants in winter, however, it is well to have sunny windows. Geraniums will not bloom satisfactorily in a window with a northern exposure.

Fuchsia.—Mr. Park: Please tell me how to treat my Fuchsia. The leaves are stiff and curl down as though the mid-rib was short.—Mrs. R. A. Dilley, Fremont Co., Col., Jan. 10, 1913.

Ans.—It is possible that the plant complained of is troubled with red spider, which is fond of Fuchsias, and the foliage is affected by the pest in the manner described. If spiders are present they can be detected by examining carefully the under side of the leaves. Where the foliage is badly infested it is well to remove the leaves and burn them. If there are only a few spiders present, however, they can be overcome by syringing with soap suds, to which a little kerosene has been added, say a tablespoonful to two gallons of water, mixing thoroughly, then syringing or dipping the plant. The pest is more troublesome where the atmosphere is dry. Plants that are syringed almost daily with clear water are rarely affected. When once the pest is banished, it can be kept away by frequent syringing with cold water. Fuchsias like partial shade during the summer, as the east side of a house or a porch with an eastern exposure. Keep the soil stirred about the plants and do not allow them to suffer from drouth. An occasional watering with manure water will be found beneficial, as Fuchsias like a rich soil. They are of very little value for winter-blooming, but are very handsome in summer. Propagation is largely effected by cuttings, taken in the spring and placed in sand.

Carnations in the House.—Mr. Park: Please tell me how to treat Carnations for winter blooming.—Mrs. A. L. Marchant, Wyoming Co., N. Y., Nov. 18, 1912.

Ans.—To have fine Carnations for winter blooming start the plants early in the spring, either from seeds or cuttings. When they become well-rooted set them in a garden bed in a sunny situation, and pinch back the tops if any push up. By this means they will stool out, become strong, and able to throw up a number of stems of blooms during winter. Before the frost comes, pot the plants in four or five inch pots, according to the size of the plants, using a rather tenacious potting compost with thorough drainage. After potting, water and keep the plants away from direct sunlight for a few days, until they start to grow, then bring them to the window.

The Hardy Border Carnations are excellent for winter blooming if started early in spring from seeds and treated as suggested. They will not push up flower-stems until winter or early spring, but will then bloom very abundantly. If you wish to have seedling Carnations early in winter, sow Margaret or Chabaud varieties. These are beautiful and fragrant, and will begin blooming in autumn or earlier. Carnations all like a sunny window, and to keep the aphids from attacking them place cut tobacco stems over the soil. Avoid watering too freely, as it is liable to cause blight.

Tuberose.—Mr. Park: I planted a lot of Tuberose bulbs last spring, but only one of them bloomed out of the lot. When I took them up there were many bulblets growing around the old bulbs. Will these bloom next season if taken off and planted, and why do not more of my bulbs bloom? Geo. S. Hummer, Adams Co., Pa., Nov. 4, 1912.

Ans.—The flower germ of Tuberose bulbs is very sensitive, and easily injured by cold and moisture. The bulbs should not be planted out until the ground is quite warm, unless they are started in pots in the house. When bedded out keep the ground moist, but not wet, until the roots are formed and leaves appear above the ground. In bedding out the bulbs should be four or five inches beneath the surface. The soil should be sandy and of such a nature that it will not bake or become hard. The plants are improved by mulching with stable litter as hot weather approaches. They like a sunny situation until the buds are formed, then partial shade will be beneficial. Plants that are in bud when frost comes may be lifted, placed in pots, and kept well watered, and in a frost-proof window, when the buds will develop. The bulblets that grow upon old bulbs can be taken off and cultivated for a year or two, when they will become blooming-sized bulbs. At all times avoid chilling, which will be ruinous to the flower germs.

Pæony.—Mr. Park: What is the name of a Pæony called here Thousand Leaved Rose? The flowers are a beautiful red and very sweet. I am anxious to get one.—Mrs. Rodgers, Franklin Co., Mass., Oct. 23, 1912.

Ans.—The Pæony referred to doubtless is Pæony tenuifolia. The flowers are either single or double, and bloom very early in spring. The plants are perfectly hardy, and when once introduced will take care of themselves. The foliage is as finely cut as that of the annual Larkspur, and very pretty.

POST CARDS EXCHANGED.

Under this head I have inserted the names and addresses of persons who propose card exchanges, but many have complained that these do not respond. A letter before me has a complaint of Mrs. Stephens, of Rhode Island, stating that she answered eight, sending 24 cards, and that only one responded. If others have met with the same treatment the postal exchange column will be excluded. It is manifestly unfair and dishonest to propose an exchange and not respond to those who answer it.—Editor.

Pearl Wood, Erin, N. Y., R. 2.
 Nellie Sanders, Fort Jones, Calif.
 Ruth C. McKenney, Auburn, Me., R. 7.
 Nena Ramsey, 9 years, Ellery, Ill., R. 1.
 Rhea Stallsmith, 11 years, South Zanesville, O.
 Nannie Kronk, 16 years, Portland, Mo.
 Florence King, 12 yrs, 224 Thrush Av., Peoria, Ill.
 Thomas McKay, 17 years, Dryden, Md.
 Bertha Hoover, 15 years, Lantz, Md., R. 1, B. 50.

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Please send me by mail in plain wrapper your illustrated book and full information about your Appliance for the cure of rupture.

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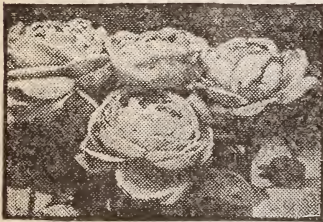
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Send only 10c for trial test order—13 Big Packets:
Beet, Perfected Red Turnip, earliest, best.
Cabbage, Winter Header, sure header, fine.
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Celery, Winter Giant, large, crisp, good.
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Flower Seeds, 500 sorts mixed, large packet.
Big Tom Pumpkin. Makes finest pies.
Bell's Giant Thick Leaf Spinach. None better.
Cress or Poppergrass. Needed on every table.
Mammoth Russian Sunflower. Largest flowers.
Big FREE Catalog sent with each order, also FREE
Coupon for 10c—good with 25c order. Write today.
Address, J. J. BELL SEED CO., Deposit, N. Y.

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Bulbs, Vines, Shrubs, etc., by mail, postpaid. Safe arrival and satisfaction guaranteed. 53 years of fair dealing. Hundreds of carloads of Fruit and Ornamental Trees. 1,200 acres, 60

in hardy roses—none better grown. 47 greenhouses of Palms, Ferns, Begonias, Geraniums, etc. Immense stock of Superb Cannas, the queen of bedding plants. Large assortment of hardy Perennial Plants, which last for years. 168-Page Catalog Free. Send for it Today The Storrs & Harrison Co., Box 100, Painesville, Ohio

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Contains much valuable information as well as many bargains in Apple, Peach, Pear, Plum, Cherry and other fruit trees. Buy direct and save agent's profit of 50 per cent. or more.
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76 Reilly Road, Dansville, N. Y.

850,000 GRAPEVINES

69 Varieties. Also Small Fruits, Trees, etc. Best Rooted Stock. Genuine, cheap. 2 sample vines mailed for 10c. Desc. price-list free. LEWIS ROESCH & SON, Box J, Fredonia, N. Y.



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line strawberry, raspberry and small fruit plants, asparagus and privet. Write for illustrated Berry Book, full of valuable information. Tells how to grow berries at home for profit. FREE on request.

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Box 122

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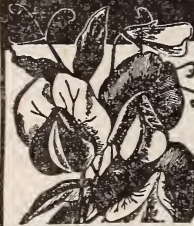
From California.—Dear Mr. Park: Surely there are many who do not fail to write you of the riches of enjoyment and peace and growing wisdom opened to them through your little Floral Magazine. There are many who love flowers; indeed, I suppose nearly everyone does in some degree; but I am sure it is with most people as with myself, the choice kinds of flowers requiring constant care, seen around the homes of the well-to-do, that I have regarded as desirable. And, let me say, Nature's quiet, wise, delightful ways, so full of lessons for us, and the spiritual beauty along her simple by-ways, so charming that man, with all his efforts cannot exceed—all this was a closed book to me until opened by your unobtrusive Floral Magazine. Though poor, I have learned that I am rich. And I pray to be allowed to live to study these helpful inspiring lessons in the world around me, and to lead my children in this way of usefulness and beauty, away from ambitions that are but folly. This ought to be easy for me, for the beautiful gateway to the road is the flowers; and how my children do love them! If I have nothing else for them to plant they go to setting out weeds and grasses, and these have their lessons, too. But I want to have a riot of blossoms this year, and begin to teach them the ways of the plants. Mrs. C. L. Main.

Los Angeles, Cal., Jan. 21, 1913.

BRIEF ANSWER.

Wood Ashes.—Unbleached wood ashes can be satisfactorily used as a fertilizer, and will be found very effective in developing the growth of plants. It does not, however, tend to early maturity. For this purpose lime is much better and it may either be water-slacked or air-slacked. Avoid applying it too liberally to the soil, especially if no lime has been previously used.

10 Sample Pkts. of Flower SEEDS FREE



Pkt. Sweet Peas Pkt. Clove Pinks
Pkt. Asters Pkt. Sweet Alyssum
Pkt. Fine Pansies Pkt. Mignonette
Pkt. Mixed Petunias Pkt. Candytuft
Pkt. Peony Poppy Pkt. Forget-Me-Not
Send 10c to pay packing, postage, etc., and we will mail these 10 pkts. selected seeds with full instructions, in a 20c rebate envelope which gives you more than the seeds. . . .

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Write for Free Bargain Catalog Over 200 Flowers in Colors

THE MCGREGOR BROS. CO., Box 532 Springfield, Ohio

Strawberry Plants guaranteed as good as grows at \$1.00 per 1000 and up! [Catalogue free.]
Allen Bros., R 4, Paw Paw, Mich.

CHOICE VEGETABLE SEEDS.

I can supply Choice Vegetable Seeds of the kinds here listed at the prices attached. All of these seeds are fresh and tested, and can be relied upon. I offer them with entire confidence as to their vitality and quality. They are delivered free at the prices quoted.

Artichoke, Jerusalem, tubers, 20c per bu., prepaid; by express at purchaser's expense, \$1.00 per peck, \$3.50 per bu. The tubers are prolific and excellent for pickles; also for feeding stock.

Artichoke, Large Green Globe. A delicious French vegetable, the bracts of the immense flower-heads being boiled and used as Asparagus. Bears 2d year. 1 pkt 5c, oz 30c, ¼ lb \$1.00.

Asparagus, Palmetto; considered the best variety; large, early and of superior quality; also Columbian Mammoth, Barr's Mammoth, Conover's Colossal. Per pkt, 5c, oz 10c, ¼ lb 30c. Two-year-old roots \$1.75 per hundred, by mail.

Beans (Bush or Snap), Refugee, Early Stringless Green Pod, Black Wax, Early Mohawk; also Improved Golden Wax, Red Valentine, Wardell's Kidney Wax. Per pkt, 5c, pint 20c, quart 35c.

Beans (Pole), Old Homestead, Lazy Wife, Creaseback, Golden Cluster, Scarlet Runner; also Speckled Cranberry. Per pkt, 5c, pint 20c, quart 35c.

Beans (Lima), Seibert's Early, Early Jersey, King of the Garden, Large White, Carolina, Sieva; also Burpee's Bush, Henderson's, Dreer's. 1 pkt, 5c, pt. 30c, qt. 45c.

At the prices named these Beans will be delivered by mail. For larger quantities write for prices.

Beet, Improved Blood Turnip, Early Bassano, Crosby's Egyptian, Crimson Globe, Extra Early Eclipse, Edman's Early, Long Blood-red, Swiss Chard. Per pkt, 5c, oz 10c, ¼ lb 30c, 1 lb \$1.00.

Beet (for stock), Golden Tankard, Mammoth Red, Villmorin's Improved Sugar; also Norbiton Giant. Oz 5c, ¼ lb 12c, 1 lb 35c, mailed.

Borecole, Purple Cape, Large White French, Curled Green Dwarf. Per pkt, 5c, oz 30c.

Brussels Sprouts, Dwarf Improved, Half Dwarf Paris Market. Per pkt, 5c, oz 10c.

Cabbage, Early Jersey Wakefield, Early Spring, Dwarf Early Flat Dutch, Henderson's Early Summer, Early Winningstad, Charleston Early Wakefield, All Head, Drumhead Savoy, Late Surehead, Late Flat Dutch, Late Danish Blumhead, Autumn King, Late Red Drumhead. Per pkt, 5c, oz 12c, ¼ lb 40c, lb \$1.50.

Carrot, Scarlet Horn, Chantenay, Long Orange, Oxheart; also Danvers. Pkt, 5c, oz 6c, ¼ lb 20c, lb 75c.

Cauliflower, Early Snowball, Per pkt, 10c, oz \$2.00. Veitch's Autumn. Pkt, 5c, oz 50.

Celeriac, Large Smooth Prague. Pkt, 5c, oz 12c, ¼ lb 40c, lb \$1.50.

Celery, White Plume, Pink Plume, Giant White Solid, Rose-ribbed Paris, Golden Heart, Giant Paschal; also Boston Market, Golden Self Blanching. Per pkt, 5c, oz 20c, ¼ lb 60c, lb \$2.00.

Chervil, curled. Per pkt, 5c, oz 10c, lb \$1.00.

Chicory, Large-rooted; leaves used as a salad; roots roasted and ground, largely used for a substitute for coffee. Pkt, 5c, oz 10c, lb \$1.00.

Collards, True Georgia; leaves cooked as substitute for Cabbage in the South. Pkt, 5c, oz 10c, lb \$1.00.

Corn, Early Giant, Country Gentleman, Improved Evergreen Sugar, 2-oz. pkt, 5c. ½ pt. 12c, 1 pt. 20c, qt. 35c.

Corn (for popping), White Rice, Mammoth White Rice, Golden Queen, Pearl. 2-oz. pkt, 5c. ½ pint 20c.

Corn-Salad, Large-leaved; grown in fall for winter and spring use as substitute for Lettuce. pkt 5c, oz 10c, lb \$1.

Cress, curled. Used as salad. Pkt, 5c, oz 10c, lb \$1.00

Cucumber, Early White Spine, Jersey Pickle, Long Green, Early Cluster, West India Gherkins. Pkt, 5c, oz 15c, ¼ lb 35c, lb \$1.00.

Dandelion, Large-leaved French; used as early greens. Pkt, 5c, oz 25c

Egg Plant, New York Purple, Black Pekin. Pkt, 5c, oz 35c, ¼ lb \$1.25.

Endive, Golden Curled; also White Moss, Green Curled, Broad Leaved Batavia. Pkt, 5c, ¼ lb 50c. The leaves are used for garnishing, also as greens.

Kale, Dwarf Curled Scotch. Pkt, 5c, oz 10c.

Kohl Rabi, Early Purple Vienna; a choice sort, flesh white and delicate. Pkt, 5c, oz 20c, lb \$2.00. A vegetable with Cabbage-like flavor.

Lettuce, Early Curled Simpson, Big Boston, Golden Queen, Perfected Salamander, New York, Improved Hanson, Paris White Cos; also Iceberg, Mammoth Black-seeded Butter, Speckled Dutch Butter, Grand Rapids. Pkt, 5c, oz 8c, ¼ lb 30c, lb \$1.00.

Mushroom Spawn (fresh), 1 lb, 20c, by mail; 8 lbs, \$1.00 expressed, not prepaid.

Muskmelon, Acme, Emerald Gem, Early Hackensack, Jenny Lind, Livingston's Tip Top, Rockyford; also Paul Rose, Long Island Beauty, Montreal Market. Per pkt, 5c, oz 12c, ¼ lb 35c, lb \$1.00.

Mustard, White London, Chinese Curled, Southern Giant Curled. For salads and garnishing when young. Pkt, 5c, oz 8c, lb 60c.

Nasturtium or Indian Cress, Giant Climbing, with large varied flowers and large seeds, which are fine for pickling. Mixed colors, oz 6c, ¼ lb 25c, lb 80c.

New Sunberry (Wonderberry), fruit bearing annual; very prolific; highly recommended for pies, preserves, etc., 5 cts. per packet, 4 packets 15 cts.

Okra, Dwarf Prolific and Long Green; pods used for soups, stews, etc. Pkt, 5c, oz 8c, lb 50c.

Onion, Australian Brown, Wethersfield Red, Early Flat Red, Prize Taker, Silver Skin, White Portugal, Yellow Danvers, Southport Yellow Globe; also Early White Pearl, White Barletta. Pkt, 5c, oz 20c, lb \$2.25.

Parsley, Extra curled, Champion Moss Curled, Beauty of Parterre; also Triple Curled. Pkt 5c, oz 8c, lb 75c.

Parsnip, Guernsey; decidedly the finest sort. Pkt, 5c, oz 8c, lb 50c.

Peas, Alaska, Bliss Everbearing, Abundance, Champion of England, Marrowfat, Tall Melting Sugar, Dwarf Melting Sugar; also Gradus or Prosperity, Nott's Excelsior, McLean's Little Gem, Telephone. Pkt, 5c ½ pint 15c, pint 25c, quart 40c.

Pepper, Columbus, Cayenne, Long Red, Long Yellow, Bell or Bull Nose, Ruby King, Chinese Giant, Cherry, Japan Cluster, Golden Dawn. Mixed, pkt, 5c, oz 20c.

Potatoes, Uncle Sam, Sir Walter Raleigh, Mountain Green, Early Irish Cobbler. Write for prices.

Pumpkin, Cheese, Connecticut Field; also Tennessee Sweet Potato, Mammoth Potlron. Pkt, 5c, oz 8c, lb 40c.

Radish, Early Long Scarlet, Early Scarlet Turnip, Long Scarlet White-tipped, French Breakfast, Golden Globe, White Strasburg, White Turnip, Long Cardinal, White Icicle, Chartier, California Mammoth White, Rose Winter; also White Chinese, Long Black Spanish. Pkt, 5c, oz 8c, lb 50c.

Rhubarb or Pie Plant, Victoria. Pkt, 5c, oz 15c, lb \$1.25

Salsify, Mammoth Sandwich Island. Pkt, 5c, oz 12c, ¼ lb 30c, lb \$1.00

Spinach, Long Standing, Prickly Seeded, Victoria; also Savoy-Leaved. Pkt, 5c, oz 8c, lb 35c.

Squash, Golden Summer Crookneck, Extra Early Bush, Delicata, Mammoth Chili, Hubbard, Fordhook; also Boston Marrow. Pkt, 5c, oz 10c, ¼ lb 25c, lb \$1.00.

Tomato, Atlantic Prize, Improved Beauty, Earliana, New Stone, Dwarf Stone, Ignatum, Ponderosa, Golden Queen, Golden Trophy, Pear-shaped Yellow, Semper-fructifera; also Matchless. Pkt, 5c, oz 25c, ¼ lb 60c.

Turnip, Flat Dutch, Scarlet Kashmir, Extra Early White Milan, White Egg, Golden Ball, Purple Top, White Globe, Amber Globe, Orange Jelly, Rutabaga Long Island Improved, Purple Top Rutabaga or Swede. Pkt, 5c, oz 8c, ¼ lb 20c, lb 50c.

Watermelon, Cole's Early, Phiney's Early, Early Fordhook, Mountain Sweet, Kolb's Gem, Preserving Citron, Sweet Heart, Kieckleys Sweet, Ice Cream, Florida Favorite. Pkt, 5c, oz 8c, ¼ lb 25c.

Herbs, Anise, Large Green Sweet Basil, Bush Green Basil, Borage, Balm, Catnip, Coriander, Dill, Large Sweet Fennel, Hoarhound, Lavender, Pot Marjorum, Mustard, Rosemary, Winter Savory, Broad-leaved Sage, Summer Savory, Saffron, Tansy, Broad-leaved Thyme, French Summer Thyme, Tarragon, Wormwood. Pkt, 5c, oz 25c. Special Mixture of Herbs, pkt, 5c, oz 25c.

Miscellaneous, Evergreen Broom Corn, 1 lb., 20c, mailed; 25 lbs. or more, by express, not prepaid, 7c. per lb. Sunflower Russian, 1 lb. 20c, mailed; 25 lbs. or more, by express, not prepaid, 7c. per lb. White Dutch Clover for bee pasture and lawns, oz. 6c, lb 50c.

Park's Superior Lawn Grass, the best of all lawn grass mixtures; makes a fine lawn the first season, and remains permanent. By mail, oz 5c, lb 30c; by express, not prepaid, peck (5 lbs.) \$1.25, bu. (20 lbs.) \$4.50. Five bushels will seed an acre, or a lb. will seed 500 square feet. For renovating a lawn sow half this quantity.

Quassia Chips, for Insecticide tea, mailed, per lb 20c.

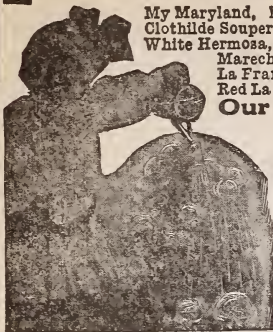
Your Vegetable Garden for 15 Cents.—For 15 cents I will send Park's Floral Magazine a year and these 10 packets of best Vegetable Seeds, enough for a small family garden. **Beet**, Improved Blood Turnip. **Cabbage**, Early Solid Cone. **Cabbage**, Late Flat Dutch. **Cucumber**, Early White Spine. **Lettuce**, Malta Drumhead. **Onion**, Danvers's Yellow. **Parsnip**, Improved Guernsey. **Radish**, Choice Mixed. **Tomato**, Matchless. **Turnip**, Purple-top White Globe. Club of three only 45 cents, with large packets of **Peas**, **Beans** and **Corn** as premium. See list in Magazine. Get up a club.

GEO. W. PARK, La Park, Lanc., Co., Pa.

At My Risk.—Remit at my risk by Money Order, Express Order, Draft or Registered Letter.

6 Hardy Everblooming ROSES Postpaid For Only 25c

All Sure to Bloom and Bloom All Summer



My Maryland, handsome salmon-pink. Clothilde Soupert, delicately variegated. White Hermosa, pure white, very double. Marechal Niel, a deep yellow. La France, beautiful rosy pink. Red La France, a rich crimson.

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- 6 Chrysanthemums.....25c
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- 6 Carnations.....25c
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- 6 Coleus.....25c
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Any 5 collections for \$1.00; the above 9 collections and the six Roses, making the above

72 Plants for \$2.00

We pay postage and guarantee safe arrival. Our 1913 catalog, "Floral Gems," showing over 200 flowers in natural colors, sent **FREE** McGregor Bros. Co., Box 601 Springfield, O.

FREE SEEDS



FRENCH RADISH
Very early, crisp and tender.



Dwarf Giant Tomato
Extra Early

FOR TESTING

Dwarf Giant Tomato. Grows two ft. high produces enormous size Tomatoes. They often weigh one or two pounds each; color crimson: a wonderful bearing plant.

We will send a trial package of each to any one who writes, also our new 1913 Seed Catalog included (4 colors)—all FREE. Write Today.

Smith Bros. Seed Co., Box 208, Auburn, N. Y.

Great Bargain Collection of DAISIES



No such bargain ever before offered. A full-sized packet of each of the following:
Burbank's Shasta, New Double Delicata, New Snowball, New Orange, New Blue.

1 Dbl. Begonia Bulb

1 Excelsior Gloxinia Bulb

An excellent variety. Also my new 1913 catalogue of Seeds, Flowers and Bulbs. Mailed immediately upon receipt of **All for 10c** coin or stamps.

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land every fish that tries to take the bait. Write for free hooks to help introduce. MARVEL HOOK CO., Dept. 37, CLINTON, IOWA

WE PAY \$80 A MONTH SALARY

and furnish rig and all expenses to introduce our guaranteed poultry and stock powders. Address BIGLER COMPANY, X364 SPRINGFIELD, ILLINOIS

QUESTIONS AND ANSWERS.

Yucca and Sweet Fern.—Mr. Park: Will seeds of Wild Yucca germinate; and where can I obtain plants of Sweet Fern?—Mrs. Addie Lyle, Beaver Co., Okla., R. 1, Oct. 30, 1912.

Ans.—The seeds of Wild Yucca, when fresh, should germinate under favorable conditions. What is known as Sweet Fern is *Artemisia annua*, an annual grown from seeds, the seeds costing from three to five cents per packet.

Gloxinias.—Mr. Park: I have a Gloxinia which bloomed last year, and in the fall I ceased watering and kept it dry. Upon looking at it recently the tuber was soft but was not decayed. How shall I treat it?—Mrs. Nick Moenssen, Brown Co., Wis., Jan. 16, 1913.

Ans.—If the tuber is simply withered, it may recover its firmness by watering. Water should be sparingly applied at first, as too much water is liable to cause it to decay. The supply of water can be increased as growth begins.

CULLEN'S GENUINE ROCKY MOUNTAIN COLUMBINE Only 10c



Cullen's Genuine Rocky Mountain Columbine. From photograph.

The State flower of Colorado. Entirely different from any other flower. A hardy perennial, grows 3 feet, grows in any climate, needs no winter protection. The outer petals long, beautiful lavender blue, such as has never been seen in any other flower. Center of flower creamy white. Blossoms freely, can be cut with stems 2 feet long, grand for bouquets; see photograph. Seed pkt. only 10c, 3 pkts. 25c postpaid.

CULLEN'S COLORADO GROWN flower and vegetable seeds, plants, bulbs, Roses, Grape vines, small fruits, etc.

500,000 Fruit and Ornamental Trees. Rocky Mountain wild flower seeds. By mail to all parts of the world, safe arrival and satisfaction guaranteed.

Valuable Catalogue FREE. Established 27 years. Martin J. Cullen, 4592 Wyandott St., Denver, Col.

5 PACKETS FLOWER SEED FREE TO YOU

One packet each of CARNATIONS, ASTERS, POPPY, PANSY, CHRYSANTHEMUM.

These 5 packets of flower seeds will produce the choicest of these flowers.

There are enough to keep you supplied with flowers all the season. Your name on a postal brings them Free, Postpaid—also our new Colored Catalog of fruits, flower and vegetable seeds all FREE. Send your postal NOW!

MILLS SEED COMPANY,
Box 400. Washington, Iowa.

GREAT HORSE STORY

"KATE" and "QUEEN"
Picture of "Queen"

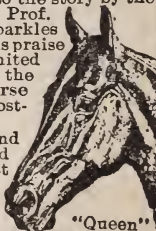
Free



By Prof. Jesse Beery. Surpasses the famous "Black Beauty" Practical lessons in horse handling are woven into the story by the master hand of Prof. Beery. Every line sparkles with interest. Thousands praise it. Sells for 50c. But limited number only will be sent for the names and addresses of 5 horse owners and 10c. to pay cost of postage and packing. Send Today.

FREE With each book we also send free a beautiful colored picture of Queen—oil painting effect—suitable for framing.

PROF. JESSE BEERY
Box 540. Pleasant Hill, Ohio



GRASS-LEAVED IRIS OF OREGON.

A clump of these magnificent flowers will be mailed to any address on receipt of 25 cents in silver.

P. DAMGARD, Mansfield, Oregon.

ON MAMMA'S LAP.

I learned to say my A, B C's
Right on my mamma's lap;
Once in a while I'd take a rest
And then my hands did clap.

Oh dear! it makes the tears to roll,
For saddened I'm somehow
That teacher dear has gone to Heaven,
And I can't kiss her brow.

St. Louis, Mo. Albert E. Vassar.

WHEN THE DEAD AWAKEN.

[Note.—Mr. Daniel J. Herd, Jr., sends these verses as an answer to "Recognition," published in the January (1912) number of the Magazine.—Ed.]

Our loved that now lie dead in the grave
Are sleeping but as the sleep of a night,
For on the morning eternal they'll live,
As God has promised—our hope and light,
Before us the faces we knew shall be,
Their countenance lighted with happiness,
As oft in their life we were pleased to see.
To us shall be given such blessedness
When the dead awaken.

Mortals of clay—we think this and that,
Believing our loved ones shall not or will be
As in life they were to us, yet what
Proof, what light to know it can be?
No proof at all? Yes, they of God
Shall dwell in the spirit as doth He,
And the obedient that have 'risen from 'neath the
Shall live on, live on eternally— [sod]
When the dead awaken.

How consoling it is to know and feel
That the loved we cherish, so long time gone,
Have not—no, not bid a last farewell—
We will see and know them, every one.
Then we'll follow, my friends, the righteous path
That leads to God and the Heavenly home.
We'll discard the evil and love the good,
And rejoice when we hear the trumpet tone—
When the dead awaken.

EXCHANGES.

Rooted Roses, Ferns and Begonias for Japonicas.
Mrs. W. A. Rushin, Pavo, Ga.
Plants of Arbor Vitæ and Pink Crape Myrtle for
other plants. Write. Mrs. Lillie Yates, Barwick, Ga.
Iris, Yellow Rose, Peppermint and Ground Ivy roots for
Pæonies or Lilies. Mrs. Carrie Totten, Purman, Mo.
Double Balsam seeds for Geraniums, Cactus or
Ferns. Mrs. J. M. Wilson, Albertville, Ala., R. 2, B. 126.
Calif. Violets and Pansy plants for Dahlias, Roses,
Chrysanthemums. Write. Ruby Oliver, Crewe, Va., R. 2.
Trumpet vine, Bitter-sweet, Iris and Althea for
hardy Ferns, Lilies of the Valley, Perennial Phlox or
Pinks. Mrs. Martha K. Craig, Joplin, Mo., R. 5, B. 184.

GROW DAHLIAS



Best flowers for general garden satisfaction. Large blooms of rich and varied color and shape add charm to any garden, keeping it bright and beautiful from mid-summer on, when other flowers fail.

500 VARIETIES

every color and shape, all grown on our 100-acre tract—largest Dahlia plantation in the world.

FREE Beautiful catalog with colors showing how they will look in your garden.

The only color catalog of Dahlias—complete, standard, authoritative, a postal brings it.
David Herbert & Son, Box 251, Atco, N. J.

GREGORY'S HONEST Flower Seeds

help make prettier gardens. Sorts shown below grow freely and bloom all season. We will mail

5 Large Packets, Best Seeds, 10c postpaid

Candytuft, mixed. Nasturtiums.
Mignonette, sweet. Petunias, for beds.
Poppies, the showiest for borders.

Instructive Catalog FREE

Tells how to raise all kinds of flowers and vegetables. Offers the most reliable sorts, illustrated with "true-to-nature" pictures. Gives "honest" prices for "Honest Seeds." Please ask for your copy to-day.

J. J. H. GREGORY & SON
314 Elm St.
Marblehead, Mass.

GENUINE 21 JEWEL \$50 GOLD WATCH \$3.95

\$3.95 is our yearly clearing sale price for an elegantly engraved New Thin Model Accurate high grade Ruby Jeweled Watch **GUARANTEED FOR 25 YEARS** Write if you want Ladies' or Gents' Open face or Double Hunting Case Watch and we'll send it for FREE EXAMINATION and if after examining the Watch at your express office you consider it equal to a \$1 jeweled \$50 gold watch pay \$3.95 and ex. charges for Watch and FREE Watch Chain **RELIABLE WATCH CO., Dept. 81, CHICAGO**



EARN PREMIUMS or CASH by SEED SELLING

Send us your name and address and we send you 34 PACKETS of Seed, Flowers, Vegetable, or assorted; sell them at 3c. each, return the \$1.00 to us and we will send you at once, free and postpaid, your choice of Premiums from our List sent with Seed. Write today. We trust you until seed is sold.

J. RISDON SEED CO., Inc., RIVERDALE, MARYLAND

25 Packets Best Tested Seeds, Value \$2.50, Mailed for 10c

SEEDS

The following 25 good packages, Fresh, Reliable, Tested seeds, are mailed as a trial sample of our superior seeds for only 10c. Guaranteed to grow. Money returned if not satisfactory. The 10c returned on first 25c order from catalogue.

BEEF, Crosby's Egyptian, best, sweetest early sort.
CABBAGE, Lightning Express, early, sure header.
CABBAGE, Danish Ball-Head, best, solidest winter.
CARROT, Perfect Half-Long, best table sort.
CELERY, Self-blanching, best, crispst.
CUCUMBER, Family Favorite, fine for family use.
LETTUCE, May King, tender, popular heads.
MUSKMELON, Rocky Ford, best garden melon.

9 Choice Flowers Aster, 200 grand double sorts, mixed. Alysium, Little Gem, white, sweet, border.
Pansy, Giant, mixed colors. Kochia, grand foliage. Mignonette, sweet. Pinks, 50 best sorts mixed.
Poppy, all showiest sorts. Mixed Flower Seeds, 500 sorts mixed in one packet. This wonderful offer of 25 packets (usually costs \$2.50) as trial samples for only 10c. Catalogue Free.

We are extensive and reliable growers with 35 years' experience. Tell your friends.

20 packets Grand, New, Large Flowering Sweet Peas, rare colors, orchid flowering, as trial lot for 10 cts.

DEPOSIT SEED CO., Deposit, N. Y.

50c Brings This Rocker

Your Credit
Is Good
With Me

Get My
**Big FREE
Book**



30
Days'
FREE
Trial

**THIS BIG LEATHER ROCKER ONLY A SAMPLE
AMONG 2,000 OF MY BARGAINS.**

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The New Improved "Easy" Iron. Quick, easy sales—big profits. New invention—women wild—agents getting rich. Brant, Mo., sold 3 doz. first week; Fitter, Ia., sold 24 in 3 days. Does big ironing for two cents. Saves cost in short time. Guaranteed. Saves time—labor—strength—health. Write quick for special terms.

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QUESTIONS AND ANSWERS.

Hardy Flowers.—Mr. Park: Please tell me how to start a bed of flowers that will keep healthy and endure the winter—such flowers as you find in old-fashioned gardens. My mother had such a bed, and all we had to do was to keep out grass and weeds, and cultivate and fertilize when necessary.—Wm. Snyder, Tuscarawas Co., O., Feb. 2, 1913.

Ans.—The best early hardy flowers in old-fashioned gardens are bulbous plants, such as Snowdrops, Tulips, Hyacinths, Narcissus and Crown Imperials. These you can get in the autumn from dealers who import the bulbs from Holland. Such flowers as Columbine, Carnations, Pinks, Sweet William, Rocket, Primroses, Larkspur, Foxglove, Canterbury Bells, etc., can be readily raised from seeds sown in the spring. Some of the plants will bloom in autumn, but most of them will not bloom until the second year. Iris, Pæonies, Bleeding Heart, Hemerocallis, and Perennial Phlox can be obtained as plants, and set out in either spring or fall.

Water Hyacinth.—Mr. Park: We bought a Water Hyacinth and kept it in a bay window in a temperature of 68 degrees, but the top will die. What ails it?—Mary E. Bicknell, Darke Co., O., Jan. 31, 1913.

Ans.—The Water Hyacinth grows freely in the St. Johns River and other streams in Florida. It requires a moist atmosphere, and in a vessel of pure water it is well to wrap some Sphagnum Moss about the roots. In Florida it grows so far north that the top leaves are often blackened or destroyed by frosts, but the water not freezing keeps the plants in a growing condition, ready to develop as soon as the weather becomes favorable. In a bay window the atmosphere is often too dry for the health of the plants, and under these conditions the leaves will dry up. The plants are only suitable for outdoor culture at the North, unless the bay window or conservatory is sufficiently moist to suit them.

Amaryllis.—Mr. Park: I have had one large bulb of Amaryllis in a pot for six years. It bears beautiful flowers every spring, but never any young bulbs. I always set it in the cellar in autumn, and let it remain there until January, then bring it out to my plant window, and in a few days it will throw up its flower scape. How shall I treat it to have it form bulblets?—Mrs. E. A. H., Huron Co., O., 1913.

Ans.—It is possible that if you would make a cut with a knife longitudinally through the sides of the bulb, it would produce bulblets at the wound. This method is employed by the Holland people to have Hyacinth bulbs throw out an abundance of bulblets, and would probably be the same with Amaryllis.

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QUESTIONS AND ANSWERS.

Brown Scale and Spores.—Mr. Park: How shall I get rid of brown scale on my Ferns, also the spores which appear on the under side of the fronds?—Mrs. Edgar Dibble, Cecil Co., Md.

Ans.—The brown scale can be eradicated by scraping the older scales loose and then sponging or syringing with Tobacco tea or Quassia Chips tea, as hot as the hand will bear. The spores are a natural growth, and can be overcome only by cutting away the spore-bearing fronds.

Hardiness of Magnolia.—Mr. Park: Will the large-flowered native Magnolia of the South prove hardy as far north as Holyoke, Mass.?—Mrs. Mary S. Tate, Hampden Co., Mass.

Ans.—The native Southern Magnolia is hardy as far north as Washington, D. C., and in protected places as far north as Philadelphia. It will hardly prove hardy in the New England States. The large-leaved Magnolia, *M. macrophylla*, has been found perfectly hardy as far north as New York, and it might be grown in protected places as far north as Holyoke, Mass. Its culture so far north, however, would be somewhat of an experiment.



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No one would ever suspect that you stained your hair after you use this splendid preparation. It does not rub off as dyes do, and leaves the hair nice and fluffy, with a beautiful brown color, or black if you prefer.

It only takes you a few minutes once a month to apply Mrs. Potter's Walnut-Tint Hair Stain with your comb. Stains only the hair, is easily and quickly applied, and it is free from lead, sulphur, silver and all metallic compounds. Has no odor, no sediment, no grease. One bottle of Mrs. Potter's Walnut-Tint Hair Stain should last you a year. Sells for \$1.00 per bottle at first-class druggists. We guarantee satisfaction.

Send your name and address and enclose 25 cents (stamps or coin) and we will mail you, charges prepaid, a trial package, in plain, sealed wrapper, with valuable booklet on hair. Mrs. Potter's Hygienic Supply Co., 1843 Groton Bldg., Cincinnati, O.



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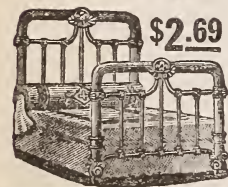
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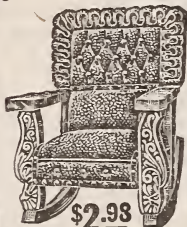
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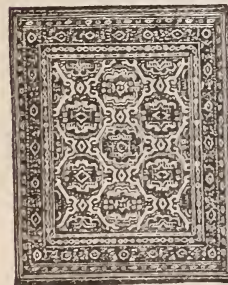
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Blackberry, red Raspberry, Peach, Quince, Plum trees, etc., for Gooseberry, black Raspberry, Strawberry, Currant plants. W.E.Reynolds, Peekskill, N.Y.

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You Can Be Strong, Active, Healthy, Husky and Happy



Courage—daring—bounding vitality—sure control of mind, body and nerves—the desire and ability to accomplish all desirable things—these are the attributes that make men admired and sought.

I have in my possession a recipe, which, from my own experience, I believe to be the best and surest-acting, up-building, strengthening combination ever put together for the restoration of impaired vitality and the renewal of vigor and health.

If this self-applied home treatment will enable you to successfully treat your own ills and weaknesses, then I have shown you the secret of perpetual strength and how you can again be just as powerful in your capacity as the biggest, huskiest, most successful and sought-after of your acquaintances.

For this reason I believe it is my duty to tell every young or elderly person about this health and strength restoring recipe and send a copy free to every one who asks me for it, so they can see what it is and how quickly and surely it acts.

If you are old or young, married or single, large or small and are lacking in the nerve force or vigor that makes men and women strong, vital and capable, just write to me like this: A. E. Robinson, 4381 Luck Building, Detroit, Mich., and I will send you a copy of this recipe, absolutely free, postage paid, in a plain sealed wrapper.

Bargain in Choice Plants.

For only 50 cents I will mail the following twelve plants, and Park's Floral Magazine one year:

Foliage Plants.
Asparagus Sprengeri.
Asparagus Plumosus.
Boston Smilax.
Coleus, New Trailing.
Vinca variegata.

Blooming Plants.
Euphorbia, Crown of Thorns
Lantana, Choice Hybrid.
Primula Floribunda.
Ruellia Makoyana.
Violet, light blue.

And two fine plants, my selection. These twelve plants are all well rooted, and worth twice what I ask. I have a surplus of them and need the room. The foliage plants are all of good size, ready to shift into larger pots, and the blooming plants are all in bud or bloom. I guarantee them to please you. Order this month, as I will not repeat this offer. No substituting will be allowed unless the selection is left to me, in which case I will choose good plants of which I may have a surplus. This is a bargain worthy of consideration. Tell your friends. Address **GEO. W. PARK, La Park, Pa.**

Seeds for the Children.

Every boy and girl should have a little spot for a garden and be encouraged to cultivate flowers and vegetables. It employs the mind and inspires thoughts that tend to develop them into better and more useful men and women. Now is the time to begin, and to forward the work I offer 54 varieties of easily-grown seeds, put up in small packets expressly for the children upon the following terms:

12 packets, your selection from the list below, including Park's Floral Magazine one year,	25c
25 " your selection from the list below, including Magazine one year,	50c
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52 " the entire collection, Flower and Vegetable, including Magazine one year,	\$1.00

Alyssum, sweet
Amaranthus, mixed.
Aster, Queen of the Market, mixed.
Aster, Dwarf Chrysanthemum, mixed.
Aster, Double Branching, mixed colors.
Balsam, splendid double, mixed.
Calliopsis, finest mixed.
Calendula, finest mixed.
Centaurea, Bachelor's Button, mixed.
Celosia, Cockscomb, Ruby.
Candytuft, Rocket, white.
Clarkia, superb mixture.
Chrysanthemum, annual, mixed.
Coreolanthus, Dwarf Morning Glory, mixed.
Delphinium, Double Branching, Larkspur, mixed.
Dianthus, Chinese Pink, finest mixed.
Eschscholtzia, Cal. Poppy, finest mixed.
Gaillardia, splendid varieties, mixed.
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Marigold, French and African, mixed.
Mignonette, sweet, very fragrant.
Mirabilis, Four-O-Clock, Dwarf, mixed.
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Pansy, French and German, mixed.
Papaver somniferum, Poppy, mixed.
Papaver Paeoniflorum, Poppy, mixed.
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Phlox Drummondii grandiflora, mixed.
Portulaca, Flowering Moss, mixed.
Verbena, fine hybrids, mixed colors.
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Gourds, fancy, mixed.
Morning Glory, mixed.
Sweet Peas, mixed colors.
Tropaeolum, Climbing Nasturtium, mixed.

VEGETABLES.

Beet, Crosby's Egyptian.
Cabbage, Early Solid Cone
Cabbage, Late Flat Dutch.
Corn, Country Gentleman.
Cucumber, Early White Spine.
Lettuce, Malta Drumhead.
Muskmelon, choice early variety.
Onion, Extra Early Flat Red.
Parsnip, Guernsey.
Radish, mixed varieties.
Squash, Delicata.
Tomato, Matchless.
Turnip, American Rutabaga.
Watermelon, choice early varieties.

These seeds are very suitable for School Gardens, too, and teachers will make no mistake in ordering them for distribution among their scholars. All are of easy culture and all bloom the first season.

You can place a mark before the name of the flower wanted, cut the list out and enclose it with the money in 1-cent or 2-cent parcels post stamps, and the seeds, with cultural directions, will be promptly forwarded. Now is the time to order. Tell your friends and make up a club order. Do not call for anything not in the list, as no substitutes will be allowed.

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ANYBODY CAN GROW THESE successfully and make money with our Hardy Northern Grown Stock. Try this Wonderful-bearing kind.

2 Strong Plants—New Illustrated Catalog and Full Information FREE if you will send 10¢ to cover postage and packing. Write to-day.

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New Beautiful Fern "Fluffy Ruffles"

Newest, daintiest and loveliest of the ostrich plumed type. Strong, vigorous, hardy—will grow and thrive in any home. Makes whole house cheerful.

4 Fancy Ferns **35c**
Postpaid for
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arched and interlac-
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like fronds; Emerald
Feather, a drooping, feath-
ery sort; and a Dainty Table
Fern, a fitting ornament
for any nook or corner.



All Nice Growing Plants. Will quickly grow in size and value. Send 35 cents today for these four fine ferns together with our complete catalog of desirable Seeds, Plants and Bulbs.

Iowa Seed Co., Dept. P. Des Moines, Ia.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a lover of flowers and birds. We have a large farm, and have sheep, lambs, horses, cows, and hogs. We live six miles from town, and the river runs by our house—about a hundred feet from it. I think it rather near to suit me. E. R. Hock.

Lisbon, N. D.

Dear Mr. Park:—I live on a farm, three miles from town. I love flowers and we have a nice lot of them. My grandmother has taken your Magazine for a good many years, and now my mamma takes it. I will be eight years old June 25, 1913. Gladys Young.

Syracuse, Neb., R. 1, B. 10.

Dear Mr. Park:—I am in the fourth grade in school. My teacher's name is Miss Overstreet. I like to go fishing. Once this summer I caught 12 perch. We have a Shetland pony named Billy; he is black and white. He will look in your pocket for apples and candy. I and my two other brothers kept a little store last summer and cleared about \$50. I am 11 years old.

Douglas C. McCall.

Opelika, Ala., Sept. 30, 1912.

Dear Mr. Park:—I am a girl 13 years of age. We have a piano, and I am taking music lessons. We live in a little town by the great Atlantic Ocean. We go in bathing every summer, and have a fine time. Sometimes we hunt sea shells. We have a flower garden. I love so much to help with the flowers. I have flower seeds to exchange for Ferns or perennials.

Beaufort, N. C., Box 152.

Mary Felton.

Dear Mr. Park:—I am a country girl 11 years old. My brother and I own a pony which we call Toddy. I like to ride horseback and practice with a rifle. I have two gold fish. I love flowers and my favorites are the Moss Rose, Carnation and Snow on the Mountain. Mother takes your Magazine and I like to read it, especially the Children's Letters. Postals exchanged.

Burwell, Nebr., Jan. 18, 1913.

Vera Giles.

Dear Mr. Park:—I have seen in Park's Floral Magazine that many of your young readers are in the Children's Corner, and I would like to see my name there too. I am a little girl 12 years old and live in the country. My mother has taken your Magazine for five years, and likes it very much. I have a pet cat and two dolls. I would love to exchange post cards with all the other little girls. I will answer every one.

Spring Grove, Pa., R. 2.

Gertrude Swartz.

Dear Mr. Park:—I am a farm girl 15 years old. Last summer I had a large bed of Verbenas, raised from seeds sown in the spring. Everybody thought they were beautiful. We have a House Maple (Abutilon) that blooms nearly all the time. Here is a riddle:

Patch upon patch, hole in the middle,
If you guess this riddle, you get a gold fiddle.


And this:

House full, yard full, can't catch a bowl full.
Oldtown, R. 1, Md., Dec. 19, 1912. C. E. M.

Dear Mr. Park:—I am a farmer's daughter, 14 years old. My mamma takes your Magazine and thinks it is fine. I read the children's letters and like them very much, and thought I would write one. I live on an 80 acre farm and have two brothers. I have a spotted pony and its name is Billy. We have two other horses. Their names are Prince and Bill. We have three cows. I have a little kitten called Dick. The Carnation and Rose are my favorite flowers.

Hazel Evelyn Sowder.

Stromsburg, Neb., Jan. 21, 1913.



STRAWBERRIES! Make Money growing strawberries at home during spare time. Pleasant and profitable. Plenty of berries for your own use. Every home should have a berry bed.

ALLEN'S STRAWBERRY BOOK gives full directions as to varieties, cultural methods, etc. Will tell YOU how to make money with berries. Illustrated. Sent FREE. Write TODAY.

Allen's true-to-name berry plants, small fruits, asparagus, privet, shrubs, etc., are vigorous, hardy, prolific. Fully described in Strawberry Book. Shipments GUARANTEED.

W. F. ALLEN, 122 Market Street, Salisbury, Md.

CORRESPONDENCE.

From California.—Mr. Park: Sixteen years ago I became acquainted with your Magazine, and have taken it ever since, although I moved many times while in Colorado, and finally came away out here. Since then I have moved from place to place, but I am in love with this part of the State, and am here to stay. I prize the Magazine as much as ever, and expect to continue taking it. Who can say as much?

Mrs. Nellie Myers.

Los Angeles Co., Cal., Jan. 22, 1913.

From Missouri.—Mr. Park: I had a bed of Cannas and Salvia last summer, all grown from seeds, and it was a thing of beauty. Flowers being scarce in this vicinity it made this bed look all the better to the passer-by. I am successful in raising Cannas from seeds, and the plants bloom very satisfactorily. My Canna bed was as pretty a sight as you would want to see. We live on a street that leads to the cemetery, and several hundreds of people pass by on Sundays, and there are very few who do not stop to admire my flowers. Unlike some people who love flowers, it is always a pleasure for me to give away seeds and flowers to persons who appreciate them.

Mrs. J. P. McGonigal.

Marion Co., Mo., Jan. 28, 1913.

From Pennsylvania.—Mr. Park: I enjoy your Magazine very much, and have learned a lot from it as well. Although I am a busy farmer's wife, I always have some Ferns and flowering plants, as I love them and think they make home more pleasant. I have just sold a large Boston Fern for \$5.00, as I have another smaller one coming on. I am much interested in ways of making money at home. I have a camera, and find pleasure in taking pictures, and get a neat profit from this. I also have a flock of Indian Runner ducks, and find them more profitable than any other breed of poultry, as they lay such an abundance of large, white eggs. I have a window of seedling Cinerarias, and they are much admired by all who see them. They were raised from a five-cent packet of seeds, and I gave away lots to my friends.

Mrs. Laura Shorts.

Crawford Co., Pa., Feb. 4, 1913.

From Connecticut.—Mr. Editor: Although I have been a subscriber and interested reader of your Magazine for five years, I have never written to express my appreciation of it. It has taught me a great deal about flower culture, and I enjoy the letters from the flower lovers. When I read how a sister made her discouraging plot a place of beauty, I thought I would write and tell how I made my "desert garden" a thing of beauty. This place had been filled in with sand and rocks, and Burdocks and Thistles were abundant. The helper had to use a pickaxe to make my flower beds; but after two years it is all that I could desire. I had gorgeous Poppies and Asters, and the Pansies were rightly named giants. The 31st of December I picked a bouquet, and now, under their winter blanket they "merrily sleep." I recommend them to all and hope to have more another year.

M. B. G.

Fairfield Co., Conn., Jan. 21, 1912.

A Luther Burbank \$1 Garden For

To have a garden that is not ordinary, you must have some of Luther Burbank's original flowers and plants. No matter how modest your garden is, you can afford the exclusive Burbank features for cottage garden as well as conservatory. The price is now within reach of all. We are sole distributors of Luther Burbank's horticultural productions. None original without our seal.

Burbank's Own Selection \$2 of his own seeds—10 packages

Enough for a garden of extraordinary character and beauty—a genuine Burbank garden. These seeds are of highest quality, prepared under Burbank's personal supervision. The demand is so great that we advise immediate response. The selection includes: Long Season; Sweet Peas; Rainbow Corn; Seabloss Major, Select double; Gigantic Crimson Morning Glory; Giant Zinnia; Schizanthus Wisetonensis very newest, extra select largest flowers; Dianthus Imperialis, beautiful mixed very large (Japanese Pink); Verbena, mammoth mixed; New Lavender Trailing Godetia; New Gigantic Evening Primrose (Oenothera "America").

Owing to limited supply and great demand one or two other Burbank flowers of equal merit may be substituted.

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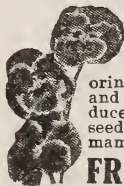


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Small collection of native Cactuses for rooted house plants, seeds. Mrs. Lizzie Heatley, Breckenridge, Tex.

Chufas or Peanuts for monthly Roses or Dahlias. J. A. Tabor, Patterson, Ga.

Mrs. M. L. McCabe, of Ashley, Nebr., 64 years old the 29th of June, wishes to exchange cards with Magazine readers whose age and birthday are the same.

Salvia, Aster, Cypress, Castor Bean, Marigold seeds for others. Write. Mrs. J. P. McGonigal, 1221 Fulton Ave., Hannibal, Mo.

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Cinnamon vine bulbets and Perennial Phlox for other plants. Write. Mrs. Anna Channey, Wilton, Ark.

Wistaria seeds, sweet Violets, Persimmons for flower seeds, Daffodils, Snowdrops, Grape Hyacinths, Scillas or Clove Pink. Norman K. Craig, Joplin, Mo., R. 5, B. 184.

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WM. HENRY MAULE

1707-09-11 Filbert St., Philadelphia, Pa.

CORRESPONDENCE.

From Illinois.—Mr. Park: I want to tell you how much I have enjoyed one of the bulbs received at Christmas. It was the Paper White Narcissus. I took a pint fruit jar, filled it with excelsior, and on the top made a little nest for the bulbs to lie on. Then I filled the jar with water, nearly but not quite touching the bottom of the bulbs. I fixed this the 2d of January, and now on February 6th it is in bloom—and such a lovely, fragrant thing, just simply beautiful! It has been in bloom ten days and is as fresh and pure as when it first opened. Today I sent it over to the school house so the teachers and children could enjoy it. One of the teachers carried it to each of her little ones to smell. Mrs. S. Fulton Co., Ill.

Front Yards of Farm Houses.—I have seen some farm houses so close to the road that there was no room for so much as a Rose bush. I have seen others with pig pens between the front door and the road. I have seen others, however, with beautiful lawns and plenty of flowers and shrubs. Some houses, though, are built on hillsides or in such situations that there is some excuse for the absence of flowers. Where there is plenty of ground in front there is no reason why the farmer and his wife should not have as beautiful a front yard as any one, whether in town or country. It does not take much money, only a little labor at odd times, and it is surely worth that to have a more beautiful home than some of your indolent neighbors. Is it any wonder that many girls refuse to marry farmers when they know that they would have to live amid such ugly surroundings all their days? I don't blame them. I think some of our boys and girls would not so quickly leave the farms if they did not see pig pens and stable yards in front of their homes. Sister Sue. Columbia Co., Pa., Feb. 2, 1913.

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CHILDREN'S CORNER.

Dear Mr. Park:—I am a country girl 12 years old. I walk a mile and a half to school; I am in the 6th grade. I like to ride horse-back, and I enjoy the flowers very much. **Soulsbyville, Cal. Catherine Dunton.**

Dear Mr. Park:—I am 15 years old and enjoy your Magazine very much, which my mother has taken for about 25 years. I like flowers, and my favorites are Pansies, Sweet Peas and Hyacinths. We have a dear little black horse named Dolly. Postals exchanged. **Grace Smith. Allegan, Mich., R. 2, Dec. 31, 1912.**

Dear Mr. Park:—I am a girl 13 years old and live on a large ranch. I dearly love flowers, and my favorites are Violets and Carnations. My mother takes your lovely Magazine and we all like it very much. I would like to exchange post cards with other children. **Vacaville, Calif., B. 375. Evelyn Robinson.**

Dear Mr. Park:—I am a farm girl 12 years old. I go two and a half miles to school. I have a dog named Collie. When I sit down he will lie at my feet. I love flowers, and am fond of Canary birds and gold fish. I have a little white hen that is my pet. She has just started to lay for me. I have three dolls. **Margaret Edwards. Downer, N. J., Jan. 1, 1913.**

Dear Mr. Park:—I am a farmer's daughter 12 years old. I live on a farm of 34 acres in Big Foot Prairie, Ill. My father has 40 stands of bees, and he sells lots of honey. He also has one of the finest gravel piles, and sells lots of gravel, too. My mother takes your Magazine and likes it very much. I have five pets, two dogs and three cats. **Big Foot Prairie, Ill., Jan. 26, 1913. Ollie Miner.**

Dear Mr. Park:—I am a little girl 9 years old. I go to school in the country. I have one brother and two sisters. I love flowers, and my favorites are Bachelor Buttons, Nasturtiums and Sweet Peas. My Mamma raises lots of flowers in the garden, also many window plants. She has taken your Magazine many years. I have a Scotch collie named Topsy. **Glennie Patterson. Elgin, Iowa, R. 4, Jan. 17, 1913.**

Dear Mr. Park:—I am a girl of 9 years. I have just one square to walk to school. There are 900 pupils and 23 teachers in the building. Mamma has taken your Magazine for quite awhile and we enjoy reading it very much. From a packet of flower seeds you sent us last spring we raised such lovely flowers. I have two nice dolls and enjoy playing with them. **Louie H. McGinnis. Bicknell, Ind., B. 177, Jan. 21, 1913.**

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QUESTIONS AND ANSWERS.

Pæonies.—Mr. Park: Why do Pæonies not bloom in this locality? They grow but do not bloom.—Mrs. C. M. Ackerman, Randall Co., Tex., Feb. 3, 1913.

Ans.—The non-blooming of Pæonies and other plants is common in Texas and other Western States. The trouble is probably due to alkali in the soil. It can sometimes be overcome by an application of quicklime, stirring the material into the surface soil. It can also be remedied by drainage and free applications of water, thus washing the material out. Lime, however, is probably the most reliable remedy, as it is the easiest to apply. Where the soil is so charged with alkali that certain plants will not grow, it is well to make a selection of kinds that will thrive where the alkali is present.

Begonia.—Mr. Park: Kindly name for me the Begonia that falls apart in the fall and is dormant until spring. The leaves are pointed and delicate, and the bloom is pink.—Mrs. D. D. Palmer, Stanislaus Co., Calif., Jan. 22, 1913.

Ans.—The inquirer probably refers to Begonia Evansiana, a hardy species with beautiful foliage and large clusters of waxy pink flowers. In autumn it bears a little bulblet at the axil of each leaf, and these drop to the earth and come up in the spring. The root of this Begonia is fleshy, and the tubers remain in the ground uninjured by frost throughout the winter, especially if it is in a situation not subject to frequent freezing and thawing. Propagation may also be readily effected from seeds, which are freely produced.

Begonias and Cyclamen.—Mr. Park: Please give me your advice concerning the culture of Begonia and Cyclamen.—Mrs. S. W. Kinamon, Reno Co., Kan., Feb. 1, 1913.

Ans.—Begonias thrive well in a loose, porous, well-drained soil, and in a partially shaded situation during the summer months. The plants are mostly started from cuttings or seeds, placed in small pots, and shifted into larger ones as they grow. Give them a temperature of from 60 to 80 degrees and water moderately. The atmosphere should be moist and the foliage should be kept clean and occasionally sprinkled with water. As a rule, Begonias are of easy culture, and can be grown by anyone who can take care of a Geranium. Cyclamen plants are propagated from seeds. These may be started in the spring or any time during the summer or autumn. The seedlings should be well cared for until the blooming period, which is from fifteen to eighteen months after the plants are started. Special attention should be given to watering and to drainage. If the plants are allowed to dry out, or if kept too wet for a long period, they will become stunted, and will make no development for some time afterwards. The plants do well in summer bedded out on the east side of a house and kept wet during dry weather. In a dry, hot atmosphere the leaves are liable to an attack of red spider, causing them to turn brownish and curl. Frequent sprinkling and a moist atmosphere will overcome this trouble. If the leaves are badly affected, they should be removed and burned. Some of the Begonias bloom freely in winter, while others are summer-blooming. Cyclamen, however, are mostly winter-blooming.

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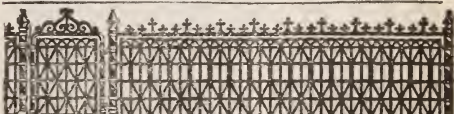
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Shades of Pink.—This mixture includes the lovely light and dark shades of pink, as shell-pink, deep pink, salmon-rose, apple-blossom, bright rose, blush, buff-pink, etc. Pkt. 5c, oz. 12c.

Shades of Dark Blue.—This is a fine mixture of the best named dark blue sorts, including violet, indigo, deep porcelain, mauve, brilliant blue, navy blue, etc. Per pkt. 5c, per oz. 12c.

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Red - Striped, Blotched and Variegated.—This superb mixture includes the many charming variegations in which red in some tint predominates. Per pkt. 5c, per oz. 12c.

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Cupid, or Dwarf Bush Varieties.—A mixture of the leading kinds of Dwarf Sweet Peas that do not need a trellis. White and pink are the predominating colors. Pkt. 5c, oz. 12c.

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For 25 cents I will send one packet of each of the first ten mixtures (10 packets), also Park's Floral Magazine for a year. This is a bargain. Tell your friends. If you will send me a club order of ten subscribers upon this Sweet Pea offer, I will mail you a collection of six splendid named *Gladiolus* bulbs and 10 elegant *Gladiolus* in superb mixture. How many will send me a club this month? Address

Sweet Peas, all sorts, mixed,
pkt. 5c, oz. 12c, ¼ lb. 25c, 1 lb. 90c.

GEO. W. PARK, La Park, Pa.

QUESTIONS AND ANSWERS.

Datura.—Mr. Park: My Daturas grew and became little trees, but alas! to my great disappointment they never bloomed.—Mrs. E. S. Tideman, Essex Co., N. J., Jan. 29, 1913.

Ans.—It is well to sow Datura seeds where the plants are to bloom, giving them good cultivation, thinning them so they will not crowd. They delight in a sunny exposure.

Worms in Flower Pots.—Mr. Park: How shall I get rid of worms in flower pots? They have red heads and gray bodies.—Mrs. P. D. Dalienison, Clarke Co., Wis., Jan. 28, 1913.

Ans.—These "worms" are doubtless the larvæ of an insect. They can mostly be destroyed by an application of hot tobacco tea, applying it until the liquid runs freely from the drainage hole at the bottom of the pot. Where such "worms" are tenacious, remove the plant from the pot and repot in fresh soil.

Geranium Disease.—Mr. Park: On some of my Geraniums appear small water blisters on the under side of the leaves. I washed them with soap suds, but it does not seem to help them. How shall I treat them?—Mrs. Myrtle Amerine, Stanton Co., Kan., 1913.

Ans.—The plants are, doubtless, attacked by a fungus. Gather the affected leaves and burn them, and dust some sulphur and lime, equal parts, over the foliage, then dig some into the surface soil. See that the drainage is good, and the soil kept loose. The same, or a similar fungus, affects Cape Jasmine, and the same remedy can be applied.

Wallflowers.—I grew some Wallflowers from seeds several years ago, but lost all except one, and that one is too large to keep in the window. I keep it in the cellar, which is warm and light. It is growing fine, but it does not bloom. I have it in a six-quart bucket, and in good, rich soil.—Mrs. E. S. Tideman, Essex Co., N. J., Jan. 29, 1913.

Ans.—It is possible that in New Jersey most of the Wallflowers will be found hardy. At La Park, thus far, they have been uninjured by frosts, and will doubtless bloom the coming summer, as they have done in previous years. The seeds are sown in the bed and the plants left undisturbed until the second season, when the showy, fragrant flowers will develop. The plants are not difficult to grow from seeds.

Calla.—Mr. Park: For two years my Calla has been troubled with lice, and I cannot get rid of them. I rested it last summer, and was in hopes that the pest would not reappear, but it did. The plant threw up two flower buds, but they did not unfold. How shall I treat it?—Mrs. C. S. French, Cheshire Co., N. H., Jan. 29, 1913.

Ans.—To get rid of Aphis dust some baking soda over both sides of the leaves and allow it to remain on until the next day, then dip the foliage two or three times in water as warm as the hand will bear. This will eradicate the lice. Then place chopped tobacco stems over the surface of the soil in the pot, which will prevent a further attack. The soda should be applied with a dust-bag, so as to spread it thickly and evenly over the foliage. To develop buds well the Calla must be in a healthy condition, and free from insects. In winter it should have direct sunlight for a portion of the day, and the drainage should be good. A little lime water applied occasionally, or some lime stirred into the surface soil will be found of benefit.

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IN EACH TOWN and district to ride and exhibit a sample 1913 Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. Write at once for full particulars and special offer. **NO MONEY REQUIRED** until you receive and approve of your bicycle. We ship anywhere in the U.S. without a cent deposit in advance, *prepay freight*, and allow **10 DAYS' FREE TRIAL**, during which time you may ride the bicycle and put it to any test you wish. If you are then not perfectly satisfied or don't wish to keep the bicycle you may ship it back to us at our expense and you will not be out one cent.

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We have made arrangements with a leading firm of New York City Fashion Designers and Publishers to supply readers of Park's Floral Magazine with high-grade, perfect-fitting, seam-allowing patterns. All patterns sent, postage prepaid by us and safe delivery guaranteed. Full instructions for use accompany each pattern. When ordering, write your name and address plainly, give number and size of each design desired and enclose 15 cents for each number and Park's Floral Magazine one year. If already a subscriber, or desiring more than one pattern, enclose the name of some friend to whom you wish the Magazine sent. Address all orders to Pattern Department, Park's Floral Magazine, La Park, Penn'a.



6067.—Ladies' Dress. Closes at front; high or regulation waistline; four-gored skirt. Sizes 34 to 42 inches bust measure. Medium size requires 6 yards of 36 inch material and 5-8 yard of 22 inch all-over. Price with the Magazine one year, 15 cents.

6071.—Ladies' Blouse. Latest style dropped armholes. Sizes 34 to 42 inches bust measure. Medium size requires 2-4 yards of 36 inch material. Price with the Magazine one year, 15 cents.

6068.—Misses' Dress. Empire or regulation waistline; three-gored skirt. Sizes 14, 16 and 18 years. Medium size requires 5-1-4 yards of 36 inch material, 3-8 yard of lace edging and 1-1-4 yards of plaiting. Price with the Magazine a year, 15 cents.

6038.—Boys' Suit. Blouse made to slip on over head. The trousers are the usual bloomers. Sizes, 2, 4 and 6 years. Medium size requires 3-1-4 yards of 36 inch material. Price with Magazine one year, 15 cents.

6023.—Ladies' Skirt. In five gores; closes at back. High or regulation waistline. Sizes 22 or 30 inches waist measure. Medium size requires 2-7-8 yards of 44 inch material. Price with Magazine one year, 15 cents.

FASHION AND PATTERN DEPARTMENT

FASHION BOOK, IN COLORS, AND THE MAGAZINE, 15 CENTS.

As it is impossible for us to show each month in our Fashion Pages all the practical styles for Ladies' Misses' and Children's clothes, we have had published a book on dressmaking called **Every Woman Her Own Dressmaker**, which tells how to make all kinds of garments from a corset cover to a full costume. The regular published price of this book is 25c. Printed in colors and illustrates over 200 of the best styles. Sent prepaid with Park's Floral Magazine one year for 15 cents. Every woman who sews should order a copy of this excellent Fashion Book. Address all orders to Pattern Department, Park's Floral Magazine, LaPark, Pa.



6098.—Ladies' Empire Wrapper. Simple to make; with long or short sleeves. Cut in sizes 34, 38 and 42 inches bust measure. Medium size requires 37-8 yds. of 36 inch goods and 1-2 yard of 27 inch contrasting material. Price with Magazine one year, 15 cents.

6110.—Children's Apron. Dainty little apron made to be slipped on over the head. Cut in sizes 4 to 12 years. Medium size requires 17-8 yards of 36 inch material. Price with Magazine one year, 15 cents.

6021.—Ladies' Shirt Waist. Made with front and collar in one; long or short sleeves. Cut in sizes 34 to 42 inches bust measure. Medium size requires 21-4 yds.

of 36 inch material, 3-4 yard 24 inch contrasting goods. Price with the Magazine one year, 15 cents.

6062.—Children's Frock. Made with high or low neck, long or short sleeves; collar, cuffs and belt of contrasting material. Cut in sizes 2 to 8 years. Medium size requires 21-2 yards of 36 inch material and 5-8 yard of 27 inch contrasting goods. Price with the Magazine one year, 15 cents.

6105.—Ladies' Apron. Splendid design; includes separate sleeves. Sizes 34, 38 and 42 inches bust measure. Medium size requires 5 yards of 27 inch material. Price with the Magazine one year, 15 cents.

Catarrh

The accompanying illustration shows how Dr. Blosser's Catarrh Remedy reaches all parts of the head, nose, throat and lungs that become affected by catarrh.

This remedy composed of herbs, leaves, flowers and berries (containing no tobacco or habit forming drugs) which are smoked in a clean pipe or made into a cigarette tube. The medicated fumes are inhaled in a perfectly natural way.

A five day's free trial, a small pipe and also an illustrated booklet explaining catarrh will be mailed upon request. Simply write a postal card or letter to

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GOITRE

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Don't worry any longer about that ugly goitre. Let me send you \$2.50 worth of my wonderful treatment FREE. No matter what other doctors or remedies you have tried, don't be discouraged. My treatment is different from all others. I will prove its value to you FREE in the privacy of your own home. You will be surprised how quickly it reduces the size of your goitre, relieves the choking and other disagreeable symptoms. My treatment is usually effective from the first trial. There is nothing like it for actual results. Patients everywhere report cures.

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Don't send me any money, simply write and say: "Send me your Free \$2.50 treatment in plain package." Then try it—and you'll be relieved. Don't put it off—send to-day. You risk nothing.

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Conquered at Last! Write for Proof of Cures. Advice Free.

DR. CHASE'S BLOOD AND NERVE TABLETS Does it. DR. CHASE, 224 North Tenth St., Philadelphia, Pa.

BRIEF ANSWERS.

To Get Rid of Angle Worms.—To get rid of angle worms in the soil use lime water as hot as the hand will bear, applying it freely until it flows through the drainage hole at the bottom of the pot. Sometimes if the surface is tapped or the pot jarred, the worms will come to the surface and can be removed. Where the soil is badly infested, take the plant out and re-pot in fresh, clean earth.

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CHILDREN'S CORNER.

Dear Mr. Park:—I am 12 years old and in the sixth grade. I have a bed of Pansies. Last winter I covered the plants with an old twine sack, and in the spring, when I uncovered them they were as pretty as before. I am learning to play the organ. Claude A. Pine.

Marshall, Ill., Jan. 18, 1913

Dear Mr. Park:—Your Magazine has been in our home for many years. My grandfather was a flower man, and loved flowers, dogs and birds. We have 9 dogs, 6 pigeons and a turtle. I thank you for the little Swiss clock sent me for my club. It keeps good time. We have it in our front room. Melville Peters.

Newark, N. J.

Dear Mr. Park:—While many of the writers in the Children's Corner are going to school I am working in a store. I like the work, but it is not as easy as many of you may think. I wonder how many can truthfully say they do not smoke, chew or drink? I can say I do not have any of these habits, and shall never allow myself to become addicted to them. Postals exchanged. Box 46, Lawrence, Mass. Titus Parks.

Dear Mr. Park:—I am a little girl, 11 years old. I live with my grandparents on a pony farm one mile from town. I drive to town to school in a pony buggy with a little Shetland pony I call Ruby. We have about 75 ponies. I can ride and drive several of them. I like to read your Magazine, and love flowers. Postals exchanged. Utica, O., Feb. 7, 1913. Mabel Sperry Smith.

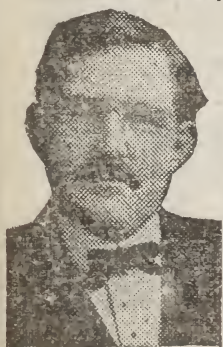
Dear Mr. Park:—My home is on the Sierra Nevada Mountains, overlooking beautiful scenery of mountains and the famous Etna Springs. I don't go to school, as it is too far. My papa is an orchardist and vineyardist. My favorite garden flower is the Rose. My favorite wild flower is Clover Blossoms. Postals exchanged. Verleria J. Stafford.

Sidell, Napa Co., Calif., Jan. 29, 1913.

DR. LORENZ ELECTRIC BODY BATTERY. Strongest in the world. Best to renew manhood. Factory price list sent free. Lorenz Electric Works 2283 Lincoln Ave., Chicago.

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Dr. J.E. Cannaday, 1207 Court Block, Sedalia, Mo.

References: Third National Bank, Sedalia, Mo.

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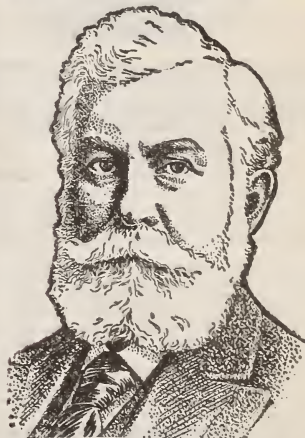
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I'll send you the **Drafts** the same day I get your coupon—fresh from the laboratory, ready to begin their work the minute you put them on. They are relieving every stage and condition of this cruel disease, **whether chronic or acute—muscular, Sciatic, Lumbago or Gout**—no matter where located or how severe. They are bringing comfort to men and women who have suffered all their lives, as well as all the milder stages. Don't neglect Rheumatism, I urge you, for I know the horrible torture and deformity it so often leads to. Send today for the **Drafts**. I send them on **free trial** because I **know** what they are doing for many thousands and I have faith that they can cure you likewise. Try the **Drafts** when you get them. **Then**, if you are fully satisfied with the benefit received, send me One Dollar. If not, they cost you nothing. **I take your word.** Address Magic Foot Draft Co., 391 Oliver Bldg., Jackson, Michigan. Send no money—just the coupon. Write today—**now**.





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I took my own medicine. It cured my rheumatism after I had suffered tortures for thirty six years. I spent \$20,000 before I discovered the remedy that cured me, but I'll give you the benefit of my experience for nothing.

If you suffer from rheumatism let me send you a package of my remedy absolutely free. Don't send any money, I want to give it to you. I want you to see for yourself what it will do. The X-ray picture shows how rheumatism twists and distorts the bones. Maybe you are suffering the same way. Don't. You don't need to. I've got the remedy that will cure you and it's yours for the asking. Write me to-day, S. T. Delano, 452 Delano Bldg., Syracuse, New York, and I'll send you a free package the very day I get your letter.

FLOWERS OF DREAMLAND.

When night's dark, mystic shadows
Soothe the world to peace and rest,
I sleep and visit Dreamland,
In gorgeous beauty dressed.

I roam through woodland thickets,
And meadows flower-lined,
And in my arms I gather
The choicest blooms I find.

I revel 'mid the flowers
That all around me gleam,
Until at last I 'waken,
And find 'twas but a dream.

Mrs. Addie Watkins.

Hocking Co., O., Jan. 20, 1913.

MONEY FROM FLOWERS.

Dear Mr. Park:—In answer to Uncle Will in February Magazine I would say I have been making a specialty of Dahlias for several years. My lot is 175 by 132 feet, and I plant the whole thing in Dahlias, some 900 roots, of about 200 varieties. I don't have to advertise them—they advertise themselves. Last year I sold all the flowers I had, as well as the surplus roots. People come right here for them. I never have any to take to market. I get 25 cents a dozen for the choice flowers, and 10 cents per dozen for the others, and don't sell less than one dozen. Another party here makes a specialty of Asters—puts them up in 5 cent bunches, and hires boys to peddle them; but for my part I prefer Dahlias, for you can sell the roots as well as the flowers. I made an exhibit at the Lycoming County Fair last fall, and took every prize offered for Dahlias, and first prize for cut flowers, too. This helped me quite a bit, and I had to refuse orders several times for cut flowers. If I can be of any further service to Uncle Will or any of your readers I shall be pleased to answer any questions.

Chas. M. Shooter.

Lycoming Co., Pa., Feb. 10, 1913.



FREE TO YOU---My SISTER

**FREE TO YOU and Every Sister
Suffering from Woman's Ailments**

*I am a woman.
I know woman's sufferings.
I have found the cure.*

I will mail, free of any charge my home treatment with full instructions to any sufferer from woman's ailments. I want to tell all women about this cure—you, my reader, for yourself, your daughter, your mother, or sister. I want to tell you how to cure yourselves at home without the help of a doctor. Man cannot understand women's sufferings. What we women know from experience we know better than any doctor.

I know that my home treatment is a safe and sure cure for Leucorrhoea or Displacement or Falling of the Womb, or Painful Periods, Uterine or Ovarian Tumors or Growths; also pains in the head, back and bowels, bearing down feeling, nervousness, creeping feeling up the spine, melancholy, desire to cry, hot flashes, weariness, kidney and bladder troubles where caused by weaknesses peculiar to our sex.

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to prove to you that you can cure yourself at home easily, quickly, and surely. Remember, that it will cost you nothing to give the treatment a complete trial; and if you should wish to continue, it will cost you only about 12 cts. a week, or less than 2 cts. a day. It will not interfere with your work or occupation. Just send me your name and address, tell me how you suffer if you wish, and I will send you the treatment for your case, entirely free, in plain wrapper, by return mail. I will also send you free of cost, my book "WOMAN'S OWN MEDICAL ADVISER" with explanatory illustrations showing why women suffer, and how they can easily cure themselves at home. Every woman should have it and learn to think for herself. Then when the doctor says—"You must have an operation," you can decide for yourself. Thousands of women have cured themselves with my home remedy. It cures all, old or young. To mothers of DAUGHTERS, I will explain a simple home treatment which speedily and effectually cures Leucorrhoea and Painful or Irregular Menstruations in Young Ladies. Plumpness and health always result from its use.

Wherever you live, I can refer you to ladies in your own locality who know and will gladly tell any sufferer that this Home Treatment really cures all women's diseases and makes women well, strong, plump and robust. Just send me your address, and the free ten days' treatment is yours, also the book. This is no C. O. D. scheme. All letters are kept confidential and are never sold to other persons. Write today, as you may not see this offer again. Address

MRS. R. SUMMERS, BOX 51 - - - South Bend, IND., U. S. A.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a farmer boy 11 years old. We have eight horses, ten head of cattle, seven hogs, five cats, one dog, and about 150 chickens. I have a Favoroll cockerel. I took him to the Fair and got the second prize. I live here in the northwestern part of Washington, where there is lots of snow and plenty of sleighing. Mamma has taken your Magazine for several years, and we like it fine, especially the Children's Corner. I love flowers and birds. I never have killed one in my life, although I have a gun. I would like to exchange postals with children close to my own age. Karl K. Rupp. Chesaw Co., Wash., R. 1, Nov. 18, 1912.

Dear Mr. Park:—I have been reading the Children's Corner and enjoy it very much, so thought I would write too. Mamma takes your little Magazine. She has a lot of flowers every year. I am a boy 16 years old and live on a fruit ranch in the mountains of central Washington. The fruits are Apples, Peaches, Pears, and Plums. In the summer when everything is green, I take a lunch and with some other boys go up in the mountains and spend the day there. Would like to exchange cards and letters with correspondents of about my age. King Eighme.

Malaga, Wash., Jan. 19, 1913.

Dear Mr. Park:—I am 15 years old and live in the country. I would rather live in the country than in the city because there is more room, more flowers and more air. I have a Lemon tree that is over two feet high. It was raised from seeds. We have two Christmas Cactuses, two Geraniums, two Chrysanthemums, one Myrtle, and one Asparagus Fern for house plants. We have several plants of Kochia Tricophylla, and they are so pretty now, they are all burning red. Dorothea Larson.

Braddock, N. D., R. 2, Sept. 20, 1912.

Dear Mr. Park:—I am a boy 13 years old, and live on a farm of 208 acres. I go to school every day. I am in the sixth grade. We have been taking your Magazine for about five years. I am fond of birds. I have put up some boxes for them and watch them build their nests. I do not like cats. I have some pigs and some guineas and a little dog. Postals exchanged.

Laurel, Del., R. 6, B. 47. Wm. Thomas Giles.

Dear Mr. Park:—I will be five years old the first of July next. I am too young to read or write, so my mamma is writing this for me. I would like to have a postal shower on my birthday. May try to answer all who write.

Charles F. Troskey.

419 E. 30th St., Indianapolis, Ind.

Develop Your Bust

In 15 Days

New Way

Home Treatment

No matter how thin you are, how old, or how flat your chest is, I can give you a firm, youthful bust quickly. All I ask is 10 minutes of your time every day for two weeks.

Write Today For My Treatment

It will cost only a penny for a post card and I will mail you this wonderful information in a plain cover free and postpaid.

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Proof!

Positive
Proof
for all
Sufferers
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CATARRH

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Just send your name and address for a **free package** of a wonderful treatment for Catarrh and Asthma and Positive Proofs. You must not allow these dreadful diseases to rob you of your health and strength when you can cure yourself very easily right in your own home. My Wonderful "Home Treatment" is making so many extraordinary cures of chronic and acute cases. Thousands of sufferers who have taken it; some in your own vicinity, will gladly testify. **Just send for the free treatment and be convinced.**

Catarrh and Asthma are too serious to neglect. In the foul slimes of Catarrh and Asthma the germs of Consumption breed rapidly and the whole system is impaired and left open to the attacks of dangerous diseases. Horrible suffering results—days are one long torture and night sleepless agony.

My remedy cleanses the system of impurities, stops the dripping in the throat, hawking, foul breath, head noises, loss of taste and smell, hoarseness, watery eyes, heals the scabs in the nose, prevents gasping for breath, and sleepless nights. Do not delay another moment. I will send you my book, together with the Free Treatment, and it will be mailed in a plain wrapper. Let me show you how to rid yourself of these disgusting diseases in your own home. Be sure and mention your disease.

T. GORHAM, 542 Gorham Bldg., Battle Creek, Mich

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Pain Paint

Send 50c in stamps and we will mail you a Dollar of Wolcott's Pain Paint powder, with full

directions to make sixty 25-cent bottles. Pain Paint stops pain instantly; removes Headache, Toothache, Neuralgia, in one minute; cools faster than ice; burns will not blister. A spoonful taken four times a day kills Dyspepsia. Sold 40 years by agents. **R. L. WOLCOTT & SON, 10 Wolcott Bldg, New York**

BIG AMUSEMENT PACKAGE. 100c.



62 SPLENDID GAMES, Checkers and Chess with Men, Fox & Geese, 9 Men Morris, Dominos, Authors 48 cards, 22 Songs, 19 Fun Cards, 48 Magic Tricks, 70 Great Puzzles, 324 new Joke & Riddles, 58 Money

Making Secrets, 12 Love Letters, 175 Ways to Flirt, How to Charm Others, Tell Fortunes and 500 other things to entertain the entire family all winter. This 50c Package sent for 10 cents. **S. COOPER & CO., Bx 53, HORTON, N. Y.**

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It is curable if promptly treated with **Dr. Johnson's Combination Medical Treatment**. Cases cured ten years ago show no signs of return. New Book explains all. It's **FREE**. **O. A. Johnson, M. D. 1320 Main St. Suite 329 Kansas City, Mo.**

I Will Stake This Medicine Against Your Time

A Few Days Will Be Sufficient to Prove That You Are Curable

A few minutes of your time for a few days and I will demonstrate to you, without expense to yourself, that I have a medicine that drives Uric Acid poison from the system and by so doing cures kidney trouble, bladder trouble and rheumatism. I don't ask you to take my word for it, but simply want you to let me send you some of this medicine so that you can use it personally.

I am trying to convince sufferers from these diseases that I have something far better than the usual run of remedies, treatments and such things, and the only way I can demonstrate that fact is to go to the expense of compounding the medicine and sending it out free of charge. This I am glad to do for any sufferer who will take the time to write me. Understand, I will not send you a so-called "sample, proof or test treatment," nor will I send you a package of medicine and say that you can use some of it and pay for the rest; but I will send you a supply free of charge and you will not be asked to pay for this gift nor will you be under any obligations.

All I want to know is that you have a disease for which my medicine is intended, as it is not a "cure-all," and I give here-with some of the leading symptoms of kidney, bladder and rheumatic troubles. If you notice one or more of these symptoms you need this medicine, and I will be glad to send you some of it if you will write me the numbers of the symptoms you have, give your age, and your name and address. My address is Dr. T. Frank Lynott, 9365 Deagan Building, Chicago, Ill. You promise me nothing; you pay me nothing for it. All I ask, so there shall be no mistake, is that you send me the numbers of your symptoms or a description in your own words, and that you take the medicine according to the directions I send you. It is my way of getting publicity for my medicine so that it will become widely known.

You will agree when you have used it that it dissolves and drives out uric acid poison. It tones the kidneys so that they work in harmony with the bladder. It strengthens the bladder so that frequent desire to urinate and other urinary disorders are banished. It stops rheumatic aches and pains immediately. It dissolves uric acid crystals so that back and muscles no longer ache and crooked joints quickly straighten out. It reconstructs the blood and nerves so that you soon feel healthier and more vigorous, sleep better and eat better and have energy throughout the day. It does all this, and yet contains nothing injurious and is absolutely vouched for according to law.

Sufferers from these dreadful and dangerous diseases can surely afford to spend



DR. T. FRANK LYNOTT
who will send medicine to anyone
free of charge

a few minutes each day for a few days to demonstrate to their own satisfaction if they are curable, especially when you consider no expense is involved, and I willingly give you my time and my medicine. All any fair-minded afflicted person wants to know is if a certain thing will cure HIM or HER, and here is an opportunity to find out without cost, obligation or important loss of time. **THESE FEW DAYS** may be the turning point in your life.

All who are interested enough to write me for the free medicine will also receive a copy of my large illustrated medical book which describes these diseases thoroughly. It is the largest book of the kind ever written for free distribution, and a new edition is just being printed. I will also write you a letter of diagnosis and medical advice that should be of great help to you; but in order to do this I must know that you need my medicine. Write me the numbers of the symptoms that trouble you, and your age, and I will promptly carry out my promises. Show an inclination to be cured and you will be.

These Are the Symptoms:

- 1—Pain in the back.
- 2—Too frequent desire to urinate.
- 3—Burning or obstruction of urine.
- 4—Pain or soreness in the bladder.
- 6—Gas or pain in the stomach.
- 7—Gen'l debility, weakness, dizziness.
- 8—Pain or soreness under right rib.
- 9—Swelling in any part of the body.
- 10—Constipation or liver trouble.
- 11—Palpitation or pain under the h't.
- 12—Pain in the hip joint.
- 13—Pain in the neck or head.
- 14—Pain or soreness in the kidneys.
- 15—Pain or swelling of the joints.
- 16—Pain or swelling of the muscles.
- 17—Pain and soreness in nerves.
- 18—Acute or chronic rheumatism.

CHILDREN'S CORNER.

Dear Mr. Park:—We have taken your Magazine two years, and enjoy it very much. I am a farm girl nine years old. We have 22 cattle, three horses, 260 sheep, one dog and a lot of hens. My two sisters and I enjoy farm life very much. I have been on the roll of honor in school thirty weeks. Lucy M. Wells.

W. Andover, N. H., Jan. 25, 1913.

Dear Mr. Park:—I am a farmer's daughter, nine years old. Our farm contains 82 acres. Papa has taken your Magazine three years and likes it very much. I can hardly wait for it to come. Mamma's Calla is doing fine. It had a big bloom on it last summer. Postals exchanged.

Beatrice Adams.

Wheelerburg, O., Jan. 25, 1913.

Mr. Park:—I am a farmer's daughter, almost 16 years old. I have taken your Magazine for some time, and find it a great help. Cards exchanged.

Polio, Ia.

Drucilla Coolohan.

Dear Mr. Park:—I am a little girl, 10 years old. I love flowers. My mother is dead. She was the Mary F. Gann that was a subscriber for your Magazine here for so long. She liked it very much, and was always glad to get a copy. Mamma has been dead nearly three years, and we miss her very much. We have a lot of nice box flowers that she raised, and also a lot of Roses and other flowers. I have four sisters and six brothers.

Ruthie Gann.

Mayodan, N. C., Feb. 1, 1913.

Dear Mr. Park:—I am a little girl, 10 years old. I like to read your Magazine, and so does Mamma. We have 25 kinds of house plants. One Geranium is 55 inches tall. We keep our plants on the front porch in summer, and people who pass come in to see them. The sun is awfully hot here in summer-time, but just right to grow flowers. Mamma changes the dirt on the plants three times a year.

Agnes Richardson.

Pierce, Ida., Jan. 23, 1913.

Dear Mr. Park:—Mamma has taken your Magazine five years. We like it very much. I like to read the Children's Corner. Our pet is a Scotch Collie dog. His name is Shep. We have lots of fun in the snow. He watches for me to come home from school. I also have one Canary bird. We have lots of flowers in summer.

Parkland, Wash., Jan. 16, 1913. Grace Lenhart.

Pint of Milk, merged into one pound of

Butter. 4c Per lb.

One Pint of Milk merged into one Pound of Butter in Two Minutes. Write for Illustrated Circulars—Sworn Testimonials—Agents' Credit Terms and 500 Names and addresses of Home Users of this Wonderful Machine.

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Health? Take Turkish Bath at Home—Only 2c

Physicians are abandoning drugs for this new treatment. If your mind or body is tired, or you have rheumatism, blood, stomach, liver, kidney and skin troubles, open your pores, and feel the rapid change in your condition, at cost of 2c a bath.



The Robinson Bath Cabinet is the only scientifically constructed bath cabinet ever made for the home.

Great \$2 Book Sent FREE—"The Philosophy of Health and Beauty."

Write today. Agents wanted. ROBINSON MFG. CO., 221 Robinson Bldg., Toledo, Ohio

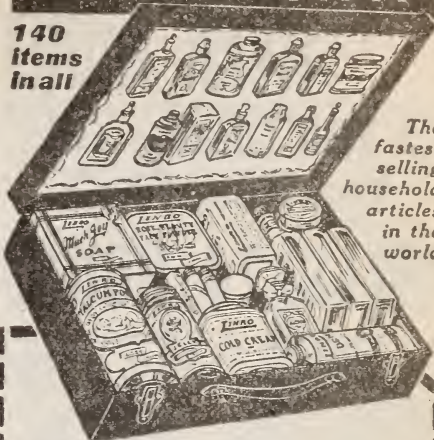
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Buy this High Grade Drop Head Sew Easy Sewing Machine. Guaranteed 25 years. Shipped direct from factory. We save you money. You use machine while paying for it. It has all the latest improvements. Write us to day. Sheffield Mfg. Co., 1421 Olive St., Dept. 265, St. Louis, Mo.



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Our brand new selling plan makes \$3 to \$10 a day easy. No money required—no experience necessary. Easiest selling line on the market. Everybody knows—everybody wants famous Linro Products. Used by over one million families yearly. We advertise—give customers beautiful premiums—show you how. Here's your chance—don't wait—write at once for wonderful plan. Answer this ad and we will send our big \$4.00 Sample Outfit Offer FREE by return mail.

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Few Hours Work Earns a Beautiful 32-Piece Dinner Set

No need to pay out money. Just a few hours among your friends gets this set—32 beautiful pieces of perfect, clear white china. Every piece charmingly decorated in gold. A beautiful set in every respect.



We send 12 boxes of famous White Cloverine Salve. Also 12 beautiful art pictures, in colors, 16x20 inches—no two alike. Merely sell the 12 boxes at 25c each—give one beautiful picture free with each box. Send \$3.00 collected and we will forward dinner set immediately. That's all. Send no money. Merely write—we send everything—goods paid. Write quick; be first in your town. WILSON CHEMICAL CO., Dept. 164, Tyrone, Pa.

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from your handwriting. Mind you get a really GOOD reading that will help you in love, health, business and domestic affairs. Price 10c. Sure to please you. Money back if dissatisfied. G. X. BEAUCHAMP 2533 8th Ave. New York City

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**I Will Gladly Tell
You How-FREE
HEALS 24 HOURS**

It is a new way. It is something absolutely different. No lotions, sprays or sickly smelling salves or creams. No atomizer, or any apparatus of any kind. Nothing to smoke or inhale. No steaming, or rubbing or injections. No electricity or vibration or massage. No powder; no plasters; no keeping in the house. Nothing of that kind at all. Something new and different—something instantly successful. You do not have to wait, and linger, and pay out a lot of money. You can stop it over night—and I will gladly tell you how—FREE. I am not a doctor and this is not a so-called doctor's prescription—but I am cured, and my friends are cured, and you can be cured. Your suffering will stop at once like magic.



I AM FREE — YOU CAN BE FREE

My catarrh was filthy and loathsome. It made me ill. It dulled my mind. It undermined my health and was weakening my will. The hawking, coughing, spitting made me obnoxious to all, and my foul breath and disgusting habits made even my loved ones avoid me secretly. My delight in life was dulled and my faculties impaired. I knew that in time it would bring me to an untimely grave because every moment of the day and night it was slowly yet surely sapping my vitality.

But I found a cure, and I am ready to tell you about it FREE. Write me promptly.

RISK JUST ONE CENT

Send no money. Just your name and address on a postal card. Say: "Dear Sam Katz. Please tell how you cured your catarrh and how I can cure mine." That's all you need to say. I will understand, and I will write to you with complete information, FREE, at once. Do not delay. Send the postal card or write me a letter today. Don't think of turning this page until you have asked for this wonderful treatment that can do for you what it has done for me.

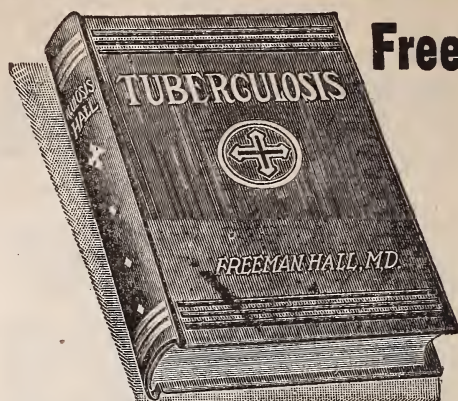
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Its Diagnosis, Treatment and Cure

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This valuable medical book tells in plain, simple language how Tuberculosis can be cured in your own home. If you know of any one suffering from Tuberculosis, Catarrh, Bronchitis, Asthma or any throat or lung trouble, or are yourself afflicted, this book will help you. Even if you are in the advanced stage of the disease and feel there is no hope, it will instruct you how others, with its aid, cured themselves after all remedies tried had failed, and they believed their case hopeless.

Write at once to the **Yonkerman Co., 5926 Rose St., Kalamazoo, Mich.**, they will gladly send you the book by return mail FREE, and also a generous supply of the new Treatment absolutely Free, for they want you to have this wonderful remedy before it is too late. Don't wait—write today. It may mean the saving of your life.

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A Home Cure Given by One Who Had It

In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. If, after you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but, understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

Mark H. Jackson, No. 541 Alhambra Bldg., Syracuse, N. Y.

Cancer—Free Treatise.

The Leach Sanatorium, Indianapolis, Indiana, has published a booklet which gives interesting facts about the cause of cancer, also tells what to do for pain, bleeding, odor, etc. Write for it today, mentioning this paper.

QUESTIONS AND ANSWERS.

Spirea.—Mr. Park: How shall I care for a Spirea that grows a foot high and throws up clusters of bloom to the height of one foot? How shall I treat it in winter, and can the clumps be separated?—Mrs. John Brian, Oakland Co., Mich., Oct. 25, 1913.

Ans.—The writer doubtless refers to Spirea Japonica, which is often used as a pot plant for winter blooming. It is perfectly hardy when bedded out, and the clumps can be separated in spring to increase the stock. When wanted for winter-blooming the plants are potted in autumn, and kept in a cool place, sparingly watered until they have had some rest, when they may be brought to the window, watered and growth encouraged.

Boston Fern.—Mr. Park: Please tell me what to do with my Boston Fern. It is almost eaten up with worms about an inch long, somewhat resembling an angle worm.—Mrs. S. M. Hooper, Hale Co., Texas, 1913.

Ans.—If the "worms" are in the soil it would be well to shake the plant out, wash the roots, then re-pot in fresh, clean soil, which should be a compost of leaf-mould and sand with good drainage. Pot firmly, water freely, and keep in a shady place until the plant becomes established. If the pest is upon the fronds, remove all that can be found, then spray with arsenate of lead, using one ounce to five gallons of water, or in that proportion.

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40 DAY FREE TRIAL BOTH
SEXES
So confident am I that simply wearing it will permanently remove all superfluous flesh that I mail it free, without deposit. When you see your shapeliness speedily returning I know you will buy it. Try it at my expense. Write to-day.
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DRINK HABIT CONQUERED
in 3 days, also Method for giving secretly. Guaranteed.
Successful often after all others fail. Gentle, pleasant, harmless; for steady or periodical (spree) drinker. Genuine home Treatment, medically indorsed; legions of testimonials. Valuable Book, plain wrapper, free, postpaid.
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LEG SORES

Cured by **ANTI-FLAMMA** Poultice Plaster. Stops the itching around sore. Cures while you work. **DESCRIBE CASE** and get **FREE SAMPLE**.
Bayles Co., 1847 Grand Ave., Kansas City, Mo.

ASTHMA CURED Before You Pay
I will send any sufferer a full size bottle of **LANE'S CURE** on **FREE TRIAL**. If it cures, send me \$1.00. If it does not, don't send me a cent. Give express office.
Address **D. J. LANE, 208 Lane Building, St Marys, Kansas.**

FREE TRIAL OF PLAPAO
STUART'S ADHESIF PLAPAO-PAD
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DON'T WEAR A TRUSS
Rupture Cured by Stuart's Plapao-Pads means that you can throw away the painful truss altogether, as the Plapao-Pads are made to cure rupture and not simply to hold it; being self-adhesive and when adhering to the body slipping is impossible, therefore, they are also an important factor in retaining rupture that cannot be held by a truss. No straps, buckles or springs—cannot slip, so cannot chafe or press against the pubic bone. Thousands have successfully treated themselves at home—no delay from work. Soft as velvet—easy to apply— inexpensive. Awarded Gold Medal. Process of recovery is natural, so no further use for truss. We prove what we say by sending you Trial of Plapao absolutely **FREE**—you pay nothing for it now, or ever. Write today.
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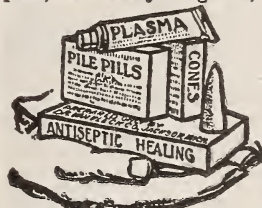
Dr. Van Vleck Found Genuine Relief for this Malignant Disease Which is Healing Thousands

SENDS \$1 PACKAGE TO TRY FREE

Don't neglect Piles, or the irritations which warn you that Piles are coming, if you would ward off their terrible

torture; for a true case never cures itself. Don't delay, but let us send you **Dr. Van Vleck's 3-Fold Absorption Remedy** for all rectal troubles at once, to **try FREE**. Then if you are satisfied with the relief and comfort it brings you, send us One Dollar. If not, it costs you nothing. We take your word. We have thousands of letters from people all over the world who write us that they have been cured, some even after 30 and 40 years of

pain, after everything else, including expensive and painful operations, had failed. You can see that we couldn't send the treatment on approval if Dr. Van Vleck had not found a remedy more efficient than anything people ever tried before. How can you justify failure to try such a successful remedy when you can try it free and pay only if satisfied? Valuable booklet in colors comes free with the approval treatment all in plain package, prepaid. Address **Dr. Van Vleck Co., 391 Majestic Bldg., Jackson, Mich.** Write today.



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FREE WATCH & RING

For a few minutes work giving away 12 beautiful pictures **FREE** with 12 boxes of our famous **WHITE CLOVERINE SALVE** you sell for us at 25c per box. Return \$3.00 and we send watch, chain and ring or you can keep large cash commission. **Agents earn \$3 daily.** You can also earn Lace Curtains, Bed Spreads, Blankets, Dolls sets, Musical Instruments, Silverware, etc. Large catalogue. Write quick! Be first in your town. Everybody buys 2 or 3 boxes. Dept. 224
Wilson Chemical Co. Tyrone, Pa.



TAPE-WORM Expelled alive in 60 minutes with head, or no fee. No fasting. 68 page Book for 2c stamp.
DR. M. NEYSMITH, Specialist, 407 N. 12th St., St. Louis, Mo.



I was Fat, Uncomfortable, Looked Old, Felt Miserable, suffered with Rheumatism, Asthma, Neuralgia. When I worked or walked, I puffed like a Porpoise. I took every advertised medicine I could find. I Starved, Sweated, Exercised, Doctored and changed climate, but I ruined my digestion, felt like an invalid but steadily gained weight. There was not a single plan or drug that I heard of that I did not try. I failed to reduce my weight. I dropped society, as I did not care to be the butt of all the jokes. It was embarrassing to have my friends tell me I was getting Stout, as no one knew it better than myself.

SOMETHING HAD TO BE DONE

I began to study the cause of FAT. When I discovered the cause I found the remedy. The French Method gave me an insight. I improved on that. Removed the objectionable features, added more pleasant ones, and then I tried my plan on myself for a week. It worked like Magic. I could have

SCREAMED WITH JOY

at the end of the first week when the scales told me I had lost ten pounds by my simple, easy, harmless, Drugless Method. It was a pleasure then to continue until I regained my normal self in size. I feel fifteen years younger. I look fifteen years younger. My Double Chin has entirely disappeared. I can walk or work now. I can climb a mountain. I am normal in size. I can weigh just what I want to weigh. I am master of my own body now. I did not starve, but eat all I wanted to. I did not take Sweat Baths. I did not Drug. I used no Electricity, or harmful exercises, but I found the Simple, Sane, Common Sense WAY of reducing my weight and I applied it. I have tried it on others. My Doctor says I am a perfect picture of health now. I am no longer ailing. I am now a happy, healthy woman. Now I am going to help others to be happy. I have written a book on the subject. If you are fat, I want you to have it. It will tell you all about my Harmless, Drugless Method. To all who send me their name and address I mail it FREE, as long as the present supply lasts. It will save you Money, Save you from Harmful Drugs, Save you from Starvation Diets, Harmful Exercises, possibly save YOUR LIFE. It is yours for the asking without a penny. Just send your name and address. A Postal Card will do and I'll be glad to send it so that you can quickly learn how to reduce yourself and be as happy as I am. Write today as this advertisement may not appear again in this paper.

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Folding BATH TUB
Costs little, no plumbing, little water.
Weight 15 pounds, folds into small roll.
Full length baths, far better than tin tubs. Lasts for years. Write for special agents offer and description.
Robinson Bath Cabinet Co., 114 Vance Street, Toledo, O.

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Tells how to Get Acquainted; How to Begin Courtship; How to Court a Bashful Girl; To Woo a Widow; To Win an Heiress; How to Catch a Rich Bachelor; How to Manage your Beau to Make him Propose; How to Make your Fellow or Girl Love You; What To Do Before and After the Wedding. Tells other things necessary for Lovers to know. Sample copy by mail 10 cents.
J. H. PIKE PUB. CO., D16 South Norwalk, Conn.

From Iowa.—Mr. Park:—I have taken your Floral Magazine for 15 years, and cannot do without it. Now, I want to write a little for its columns, giving some of my own experience, and I hope it may help others. On account of my husband's poor health we have traveled a good deal, and spent several summers in western Nebraska, Keith County. I have noticed so many Homesteaders and others in their new homes in western Nebraska, Kansas and eastern Colorado have neither vegetable or flower gardens. They think they cannot raise vegetables and flowers there. Now, this is a mistaken idea, and I know of no one that so much needs both as those who are isolated from old friends and near neighbors, as so many of these are. If these dear sisters only knew how little trouble it is to have both (as I have proved by actual experience), and how much they will cheer the otherwise lonely hours, I know they would have a garden. Last summer, in the evenings, when the coyotes would howl and I would feel a wee bit lonesome for the old home, I would go out among my flowers and watch a large moth, not unlike a Humming-bird, gathering sweets from Petunias and Mirabilis; but, alas, I found these moth made the large green worms that destroyed my tomato vines. But oh, how I did hate to kill them.

Although it was March when we went out there and there was a lot of snow, I missed our dear little Magazine; so I sent 25 cents for it and the collection of vegetable and flower seeds offered at that time, and from these seeds I grew many flowers and vegetables during the summer. And right here, dear sisters, let me say to you who can stay in the old home and know nothing of building a new one, don't each of you know of some friend to whom you can send the Magazine and the flower and vegetable collection this spring? It will only cost you 25 cents, and you will never know how many aching hearts you may cheer in those lonely haunts.

Murray, Iowa, Jan. 23, 1913. Mrs. Addie Myers.

\$10,000,000 A Year Wasted on Trusses

Wrong to Buy Anything For Rupture Without Getting 60 Days Trial

A conservative estimate shows that nearly ten million dollars a year—in this country alone—is practically wasted on worthless rupture appliances—all because people trust to a mere try-on instead of making a thorough test.



Away with Leg-Strap and Spring Trusses

So far as we know, our guaranteed rupture holder is the only thing of any kind for rupture that you can get on 60 days' trial—the only thing we know of GOOD enough to stand such a long and thorough test. It's the famous Cluthe Automatic Massaging Truss—made on an absolutely new principle—has 18 patented features. Self-adjusting. Does away with the misery of wearing belts, leg-straps and springs. Guaranteed to hold at all times—including when you are working, taking a bath, etc. Has cured in case after case that seemed hopeless.

Write for Free Book of Advice.—Cloth-bound, 104 pages. Explains the dangers of operation. Shows just what's wrong with elastic and spring trusses, and why drugstores should no more be allowed to fit trusses than to perform operations. Exposes the humbug—shows how old-fashioned worthless trusses are sold under false and misleading names. Tells all about the care and attention we give you. Endorsements from over 5,000 people, including physicians. Write today—find out how you can prove every word we say by making a 60 day test without risking a penny.

Box 53—Cluthe Co., 125 E. 23rd St., New York City

QUESTIONS AND ANSWERS.

Seedling Apple Trees.—Mr. Park: Will Apple trees raised from seeds have to be budded or grafted, or will they bear nice fruit without?—A Subscriber, 1913.

Ans.—If the trees are raised from seeds of choice fruit, the Apples are likely to be of good quality, although different, perhaps, from the fruit which produced the seed. Seedling trees will not bloom and bear as early as grafted ones. Some of the most delicious specimens of fruit I have ever seen were taken from seedling trees; and all of the choice named varieties offered by nurserymen were originally started from seeds.

Lice on Roses and Chrysanthemums.—Mr. Park: How shall I get rid of lice on Roses and Chrysanthemums? The plants were partially covered with them throughout the summer season last year. I never saw so many before.—Mrs. W. H. Parker, Norfolk Co., Va., Jan. 2, 1913.

Ans.—If the plants are grown outdoors, an occasional spraying with the lime and sulphur solution, using one part of the solution to fifteen parts water, will be found an effectual remedy. If the plants are grown in pots, place a box over them to admit the fumes of tobacco, or, if more convenient, use the lime and sulphur solution as suggested for outdoor plants.

Oxalis.—Mr. Park: Years ago my mother had an Oxalis that was perfectly dwarf, with Clover-like foliage and lovely pink flowers which were produced in winter. What was it?—Mrs. Wilson L. Reinhard, Lehigh Co., Pa., Jan. 28, 1913.

Ans.—The Oxalis referred to was, doubtless, Oxalis floribunda, which may be obtained from florists in two colors, pink and white. It is one of the best species of Oxalis for growing and blooming in pots.

Rambler Rose.—Mr. Park: Tell me of a good spray for my Rambler Rose. The leaves get white, and the plant does not grow or bloom well.—Mrs. Elmer Nattman, Lunenburg Co., Va., Jan. 22, 1913.

Ans.—The Rambler Rose should be grown on a trellis in an open garden, or where it will be fully exposed to sun and air. In such a situation it will cover the trellis and mostly show healthy foliage. If grown in a shady place, however, or where the sun does not have free access to the foliage, it will become covered with mildew as described, and the plant will prove of little value, either for foliage or flowers. It will be of benefit to stir some lime and sulphur in the soil about the plants, and to spray the foliage with lime and sulphur solution, using one part of the solution to fifteen parts water, applying as soon as the buds develop. This will prevent an attack of insects as well as mildew. It may be necessary to repeat the application at intervals of a week or more, until the flowers develop, in order to keep the plants in a healthy condition.

Calla Lily.—Mr. Park: Please tell me what to do with my Calla Lily. It grows good, but the roots die.—Mrs. Daniel French, Onondaga Co., N. Y., Jan. 28, 1913.

Ans.—When danger from frost is past in spring set your Calla Lily out in a sunny bed in the garden, and allow nature to take care of it throughout the summer. If dry weather comes, do not water it. In autumn lift and pot it, setting the tuber about an inch beneath the surface, using a sandy compost with good drainage. The Calla requires a rest every year in order to do well.

\$1.00 Package Free



Quickly restores gray or faded hair to natural color. removes dandruff, stops falling hair and itching scalp. Grows new hair and makes the hair of man, woman or child heavy and beautifully glossy.

Send your name and address with this advertisement to the Foso Company, 3634 Foso Bldg., Cincinnati, Ohio. Enclose ten cents in stamps or silver, as an evidence of good faith and to help cover packing, postage, etc., and a full \$1.00 package will be sent you at once by mail, prepaid, free of charge.

This Wife and Mother Wishes to tell you FREE How She Stopped Her Husband's Drinking

By all Means Write to Her
and Learn how She did it.

For over 20 years James Anderson of 406 Elm Ave., Hillburn, N. Y., was a very hard drinker.



His case seemed a hopeless one, but 10 years ago his wife in their own little home, gave him a simple remedy which much to her delight stopped his drinking entirely.

To make sure that the remedy was responsible for this happy result she also tried it on her brother and several of her neighbors. It was successful in every case. None of them has touched a drop of intoxicating liquor since.

She now wishes everyone who has drunkenness in their homes to try this simple remedy for she feels sure that it will do as much for others as it has for her. It can be given secretly if desired, and without cost she will gladly and willingly tell you what it is. All you have to do is write her a letter asking her how she cured her husband of drinking and she will reply by return mail in a sealed envelope. As she has nothing to sell do not send her money. Simply send a letter with all confidence to Mrs. Margaret Anderson at the address given above, taking care to write your name and full address plainly. (We earnestly advise every one of our readers who wishes to cure a dear one of drunkenness to write to this lady today. Her offer is a sincere one.)

SILK REMNANTS BIG PKG. OF 100 BIG PIECES 10c

Bright colors in Taffets, Peau de Soie, etc., for crazy quilts, pin cushions, sofa pillows and other fancy work. Striped, plaid, figured and plain goods of finest quality. BIG BARGAINS IN POUND BOXES. One pound will make a grand bed spread. ELLIS ART CO., Dept. 216, 538 Lawndale Ave., CHICAGO

Rids Skin of All Hairs, Try It, Free

Wonderful New Preparation, 'Unlike Anything Ever Known Before.



"These Hairs Will Be Gone in 3 Minutes.

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I want every man and woman who wants to get rid of superfluous hair, anywhere on the body, to see the extraordinary results of my new Elec-tro-la, the most remarkable preparation. Unlike other preparations, Elec-tro-la absolutely and forever destroys the life of the hair roots.

Elec-tro-la is safe, absolutely. No reddening of the skin. No irritation. The skin, no matter how tender, is left refreshed, soft and beautiful.

Any woman can now free her arms, neck, face and bust of all downy or heavy hairs, and her beauty enhanced a hundred fold. I am going to prove it to you, and send you a liberal trial package of this new Elec-tro-la. The regular size package of Elec-tro-la is \$1.00, and your money will be refunded if you are not satisfied. Send your name and address and a two-cent stamp to help cover cost of mailing to the Korektiv Co., 231 E. 43d St., Room 9560, Chicago, Ill., and the remedy will be sent at once.

FREE You Can Have This Switch FREE



Send us a sample of your hair and we will mail you this beautiful 22-inch human hair switch to match. If satisfactory send us \$1.50 any time within 10 days, or sell 3 to your friends for \$1.50 each and get yours absolutely free. Extra shades a little higher. Souvenir catalog showing latest styles of fashionable hairdressing, etc., on request. Enclose 5c postage. Marguerite Colly, Dept. 309, 115 S. Dearborn St., Chicago



Big Entertainer 320 Jokes and Riddles,

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LOTS OF FUN FOR A DIME

VENTRILOQUIST THROAT, imitates Birds and Animals. False Mustache and Zass Diamond Ring, all 3 sent for 10 cents. Boston Novelty Dept. 44 Melrose, Mass.



LEAVES FROM A LOVER'S DIARY.

The evening sun was sinking in the west,
And in the garden I was seeking rest
From mental toil that occupied the day;
Release I sought by keeping weeds at bay.
A voice, the sweetest voice that e'er I heard,
Was wafted to me there, and every word
That Sarah spoke was music to my ear.
Oh! sweetest joy it is to have her near,
A rest from every toil and care, to me
'Tis bliss her fair, bewitching form to see.
A Rose from garden hedge was her request;
I plucked for her the fairest and the best.
"The loveliest Rose the garden holds," I said,
"Is yours, forever, fairest, when we're wed."

I find delight in wand'ring 'neath the trees
When June's fair pinions waft a pleasant breeze,
But my delight would droop and fade away
Were not my love, my Sarah, bright and gay,
Along to share with me the woodland shades,
And to admire with me the glens and glades;
Her pure love is portrayed in every flower
That greets my eyes, and has unmeasured power
To bind my thoughts by love's unyielding chains.
The grass delights in cool, refreshing rains
Not more than I rejoice when she is near;
The songbirds lend the woods no pleasant cheer
Compared with what her sweet voice lends to me:
With her my heart o'erflows with rapturous glee.

The sun is bright, the day is gloomy though,
Across my heart no summer breezes blow;
Tho' trees are rustling with delight, my breast
Is palsied with a stupor of unrest;
The birds make love from early morn till night,
My heart is still, my love is far from sight;
She's far from me, her smiles can bring no cheer.
I chafe to think that duty binds me here,
My only comfort is the hope that soon
I by her side may sit, 'twill be a boon
For me and me alone, no other guy
Is so lucky, none so fortunate as I.
Poor souls, they know not what a treat they miss,
They shall not know, I do assure you this.

Lindley, N. Y., July 17, 1912. John Calvin Rose.

FOREIGNERS AND BIRDS.

Unless there is a suitable federal migratory bird law passed by Congress, there will be practically no end to a form of insect destruction about which the ordinary person knows little and seldom hears.

In New York the Italians and Hungarians customarily swarm through the country every Sunday, shooting every wild thing they see. As an instance, five Italians were caught in the suburbs of New York by the game wardens of the New York Zoological Society, and from them were taken the dead bodies of forty-three valuable insectivorous birds. Their bag was made up of Robins, Orioles, Thrushes and Woodpeckers. Despite the fact that it was against the law, they risked fine and imprisonment to kill these birds to eat. Two of the men were fined \$50 each and the other three were sent to the penitentiary for two months.

This form of destruction is going on constantly in those States where ample protection is not afforded migratory birds.

The value of the birds killed by the five Italians mentioned in the above incident was not more than a few cents apiece, while each one of them would destroy insects which would damage growing crops from one to fifty dollars a season. While there are various State laws protecting birds from this wanton slaughter, yet the passage of a federal migratory bird law will make the penalties for destroying migratory birds uniform, and put a stop to the systematic killing of birds by aliens whose early training is such that they are quick to trap or shoot any bird, however small, for food.—Ex.

DEAFNESS AND HEAD NOISES POSITIVELY CURED

No Matter How Long You May Have Been Afflicted, or What Else You May Have Tried, Five Minutes Treatment Will Convince the Most Skeptical. Head Noises Relieved from the First Trial.

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TREATMENT FOR
DEAFNESS.**

**Send for country-
wide testimonials.** "We have demonstrated that
Deafness can be cured." **The coupon will bring valua-
ble information for the deaf.**

**Not a Temporary Makeshift, But the Means of
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Deafness and head noises disappear almost as if by magic under the marvelous new method of treatment discovered by one of the most famous American Physician-scientists. Remember, this is no ordinary electric treatment. You have never seen anything like it. The causes of deafness have been pretty generally known for a long time, but on account of the delicacy of the organism of the ear and the difficulty of reaching many of its parts, true remedies have for generations escaped the most searching investigations of careful scientists. This Scientist's researches led him partly along the lines of investigation into the deeper scientific mysteries of the occult or invisible Nature-forces, and in this realm he found the key to the particular Nature-forces used in this new marvelous method. After years of study, embracing the wonderful and mysterious constituents of ear organism, the mysterious phases of nerve life and phenomena found everywhere in the magic of Nature, truly startling discoveries were made concerning the relative Nature processes involved in hearing and with accurate scientific knowledge of what was necessary this marvelous new method was perfected which absolutely and positively cures nearly every case, no matter of how long standing nor what caused it.

No matter how many have pronounced your case hopeless, this new treatment stands pre-eminent and alone as the only absolute and permanent relief of head noises and the restoration of hearing in a

The secret of how to use the mysterious and invisible nature forces for the cure of Deafness and Head Noises has at last been discovered. Deafness and Head Noises disappear as if by magic under the use of this new and wonderful discovery. Dr. L. C. Grains Co. (Physicians and Scientists) will send all who suffer from Deafness and Head Noises, full information how they can be cured, absolutely free, no matter how long they have been deaf, or what caused their deafness. This marvelous treatment is so simple, natural and certain that you will wonder why it was not discovered before. Investigators are astonished and cured patients themselves marvel at the quick results. Any deaf person can have full information how to be cured quickly and cured to stay cured at home without investing a cent. Write today, or send the coupon, to Dr. L. C. Grains Co., 795 Pulsifer Bldg., Chicago, Ill., and get full information of this new and wonderful discovery, absolutely free.

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Please send me without cost or obligation on my part, complete information concerning the new method for the treatment and cure of deafness or head noises. If I wish you to make a diagnosis of my case after hearing from you, you are to do so FREE OF CHARGE.

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We will positively send free and prepaid this mammoth package of 300 varieties, 3,000 seeds in all, to anyone answering our offer below



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This is without question the Grandest Collection of Beautiful Flowers ever put up. They will produce a perfect cloud of bloom and fragrance from earliest summer until the snows of winter. New beauties and wonders will open up every day. It will be a continual surprise to see the odd and curious—as well as the old favorites constantly appear. You can have bushels of blossoms for bouquets, vases, and to give away.

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Each package contains the following—and hundreds of others:

Asters, All colors,	Prize Poppies	Sweet Alyssum,	Pinks, 10 Varieties,
Ageratum,	Godelias,	Forget-me-not,	Sweet Mignoette,
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Ricinus, 12 feet,	Sweet William,	Candytuft,	Gillias, Mixed,
Calliopsis,	Four O'clock,	Chrysanthemums,	Weather Plant,
Salvias,	Job's Tears,	Stocks,	Mourning Bride,
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Flowers are one of Nature's sweetest gifts to man. They are "little missionaries teaching us beauty, purity and innocence." Flowers cheer the heart and make the home life pleasant; nothing for the money spent, can give as much sincere pleasure and delight. No one should fail to plant these interesting flowers. Many are rare novelties. Just sow these seeds in the flower bed and see the surprises.

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